

# WASHINGTON STATE PATROL IMPAIRED DRIVING SECTION

# 2021 – 2023 DRAEGER SOFTWARE VALIDATION

**WINCE: 8322797 VERSION 5.14** 

M16: 8322798 VERSION 1.2

**CONFIG: 8322796 VERSION 3.1** 

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# Final IOC

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# INTEROFFICE COMMUNICATION

# **WASHINGTON STATE PATROL**

TO: Lieutenant Jeffrey Leonard, Impaired Driving Section

FROM: Sergeant Susan Harbour, Impaired Driving Section

**SUBJECT:** Draeger Software Validation

**DATE:** June 20, 2023



Since the last software update, finalized in 2017, the Washington State Patrol Impaired Driving Section (WSP IDS) identified a need to revise the software employed by the evidential breath test instrument known as the Draeger Alcotest 9510. The requested modifications were cumulative over time and intended to address various user enhancements as well as one legislative change. The requested functionality changes do not affect the instrument's metrological functions or algorithms.

The software approved in February, 2017 from which the new versions were created contained the following components:

WinCE: 8322797 version 5.11M16: 8322798 version 0.9

• Config: 8322796 2.7

The user enhancements included how the instrument handles specific data entry for the observation time, restricting the allowable observation time to a two-hour window preceding the current time displayed on the instrument. Other enhancements include the ability to scan American Association of Motor Vehicle Administrators (AAMVA)-compliant driver licenses and identification cards, addition of a gender X option, and the removal of a default selection for "Subject Ethnic Group." Additional modifications addressed technician processes and addresses how the instrument responds to certain status codes. The legislative change refers to the repeal of 9A.72.085 RCW Perjury and Interference with Official Proceedings/ Unsworn statements, certification-Standards for subscribing to an unsworn statement. The reference to the RCW is no longer on the printed breath test documents.

The following is a synopsis of the changes requested and the work accomplished, including a timeline of events. Attached are additional documents supporting the acceptance of the proposed software version and are offered as exhibits.

On June 29, 2021 Draeger Safety Diagnostics International (DSDI) submitted a software package for validation. The software was delivered in response to a software change order from the Washington State Patrol. The software revisions were requested to address nine (9) identified areas for improvement. Three (3) additional requests were made during the validation procedure and two (2) of those requests were implemented in the final version of the software. The list of changes is contained in the "Washington State Patrol Alcotest 9510 Functionality Modification List." Validation was performed via a Quality Assurance Procedure (QAP) and by independently verifying that requested changes were delivered.



Lieutenant Jeffrey Leonard Page 2 June 20, 2023

The software package delivered on June 29, 2021 contained the following components:

WinCE: 8322797 version 5.12
M16: 8322798 version 1.0
Config: 8322796 2.8

On July 22, 2021, four technicians were provided with instructions regarding the installation and testing of the software. Worksheets were provided to record the results. The software was installed on four instruments: ARAH-0094, AREH-0024, ARJN-0047, and ARKA-0043.

Trooper Justin Rumsey performed the QAP and validation on instrument ARAH-0094; Trooper John Axtman performed the QAP and validation on instrument AREH-0024; Forensic Scientist Ruth Cramer performed the QAP and validation on instrument ARJN-0047; Trooper Mike Qunell performed the QAP and validation on instrument ARKA-0043.

When testing the allowable observation times, all four instruments allowed entries outside of the expected two-hour window prior to the current time on the instrument. In addition, contrary to what was requested, all four instruments listed measurement procedure options which do not generate printouts. The software package was therefore rejected. Draeger was notified and revised software was requested.

On September 27, 2021 DSDI submitted new versions of software for validation. Validation was once again performed via a QAP and by independently verifying that requested changes were delivered, if not addressed through the QAP.

The revised software package contained the following components:

WinCE: 8322797 version 5.13
M16: 8322798 version 1.0
Config: 8322796 2.9

The software was installed on four instruments: ARAH-0094, AREH-0023, ARJN-0047, and ARKC-0022.

Trooper Rumsey performed the QAP and validation on instrument ARAH-0094; Trooper Axtman performed the QAP and validation on instrument AREH-0023; Forensic Scientist Cramer performed the QAP and validation on instrument ARJN-0047; Trooper Qunell performed the QAP and validation on instrument ARKC-0022.

Supplemental validation was performed by Trooper Qunell, Trooper Rumsey, and Trooper Axtman to further validate how the instrument handles specific data entry for the observation time. Supplemental validation was also performed by Trooper Qunell and Trooper Rumsey specifically to validate instrument functioning when a disabling code is followed by a non-disabling code.

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During additional testing of the disabling algorithm, it was noted that the instrument did not put itself out of service when a CAL GAS SUPPLY Status Code 3 was encountered. The software package was therefore rejected. Draeger was notified and revised software was requested.

Prior to November 6, 2022, the Washington Administrative Code (WAC 448-16-060) indicated the mean of the four breath samples would be rounded to four decimal places when determining agreement of duplicate breath samples. The algorithm employed by the Draeger truncates the mean. The WSP IDS requested a change to the Draeger's algorithm to reconcile the two methods. Revised software (WinCE: 8322797 version 5.13 - M16: 8322798 version 1.1 - Config: 8322796 3.0) was made available on August 9, 2022.

This version of the software was never accepted, downloaded, viewed, installed, nor tested. The decision was made to revise the WAC to coincide with the algorithm employed by the Draeger software installed on evidential instruments currently in use in Washington. The change to the WAC was effective November 6, 2022. Draeger revised the software to revert the algorithm employed to verify agreement of duplicate breath samples back to the original method of truncating the mean and included a change to correct the handling of Status Code 3.

The revised software package delivered on September 23, 2022 contained the following components:

WinCE: 8322797 version 5.13
M16: 8322798 version 1.2
Config: 8322796 3.0

The software was installed on six instruments: ARAF-0010, ARAH-0094, ARKA-0041, ARKB-0012, ARKC-0022, and ARKD-0019.

Trooper Darren Wilkes performed the QAP and validation on instrument ARAF-0010; Trooper Justin Rumsey performed the QAP and validation on instrument ARAH-0094; Trooper Chris Hooper performed the QAP and validation on instrument ARKA-0041; Forensic Scientist Shelley Benante performed the QAP and validation on instrument ARKB-0012; Trooper Mike Qunell performed the QAP and validation on instrument ARKC-0022; Trooper Kyle Dahl performed the QAP and validation on instrument ARKD-0019.

During testing of functionality request two listed below, the instruments automatically generated printed documents for CAL GAS SUPPLY Status Code 3, EXT. STANDARD FAILED Status Code 21, and CHECK AIRWAY Status Code 40. In addition, with the addition of the gender X option, the gender was by default "Male." The software was therefore rejected. Draeger was notified and revised software was requested to address the unexpected printing and default settings for both gender and ethnicity selections.

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Revised software delivered on November 11, 2022 contained the following components:

WinCE: 8322797 version 5.14
M16: 8322798 version 1.2
Config: 8322796 3.1

The software was initially installed on one instrument (ARKA-0019). A QAP and testing was performed by Forensic Scientist Shelley Benante. Minor modifications and clarifications were made to the validation procedure and technician worksheets. The instrument performed as expected.

The software was then installed on six instruments (ARAF-0010, AREH-0024, ARKA-0072, ARKC-0022, ARKD-0019, and ARJN-0023) and testing was performed by pairs of technicians:

- Trooper Darren Wilkes and Sergeant Pedro Zepeda performed the QAP and validation on instrument ARAF-0010.
- Trooper John Axtman and Trooper Justin Rumsey performed the QAP and validation on instrument AREH-0024.
- Trooper Chris Hooper and Trooper Tanya Wright performed the QAP and validation on instrument ARKA-0072.
- Forensic Scientist Ruth Cramer and Trooper Mike Qunell performed the QAP and validation on instrument ARKC-0022.
- Trooper Kyle Dahl and Trooper Nate Dashiell performed the QAP and validation on instrument ARKD-0019.
- Sergeant Susan Harbour and Trooper Kate LeCount performed the QAP and validation on instrument ARJN-0023.

The instrument performed as expected.

Each requested modification is noted in the "Washington State Patrol Alcotest 9510 Functionality Modification List" documents. A summary and the validation of all changes follows:

- The parsing functionality was to be modified to support reading Driver Licenses with barcode encoding that comply with the AAMVA DL/ID Card Design Standard from 2020. During data entry, technicians scanned versions of Washington State, Oregon, New York, and Idaho Driver's Licenses. Technicians verified the gender option was correctly identified, verified all data could be altered by the operator, and verified polled data is correct. The change reflects what was requested.
- 2. A change was requested to modify the manner in which the instrument handles a disabling status code followed by a non-disabling status code. The disabling algorithm is designed to place the instrument out of service based on specific status codes. This change request ensures the instrument is placed out of service if a "disabling" status code is recorded even if a "non-disabling" status code occurs subsequently. After a status code is generated in measurement procedure 1 (Evidential Breath Test) or 2 (Training Breath Test), status codes

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generated subsequent to data-logging and prior the conditional disabling algorithm will no longer prevent the instrument from exposing the original status code to the conditional disabling algorithm. The technicians tested the disabling algorithm by eliciting a non-disabling status code after a disabling status code was recorded and verified that the instrument places itself out of service. The change reflects what was requested.

- 3. The requested change would allow the technician to select a specific cylinder during a Supervisor Test. The instrument will respond to input from "Gas Inlet" section in the dialog settings screen, instead of input setting from the "Set Cylinder" function. The technicians verified the active cylinder was 1 (then 2). The technicians set up to run a Supervisor Test and selected cylinder to 2 (then 1) then ran a supervisory test to determine the selected cylinder is accessed during the Supervisor Test. The change reflects what was requested.
- 4. The requested change was for the removal of all measurement procedure options which do not generate printouts from the Reprint function "Database type" drop-down selection list. The technicians verified the identified measurement options were no longer in the drop-down selection list. The change reflects what was requested.
- 5. The requested change was to insert one extra vertical line feed between "Officer Signature" line and "Location Signed" line on the Evidential Test external printout. The technicians verified the requested spacing is present on the breath test document.
- 6. The requested change was to modify the instrument functionality in measurement procedure 1 (Evidential Breath Test) and 2 (Training Breath Test) so instrument displays observation countdown timer when the entered observation start time is between 0 and 15 minutes prior to the current instrument time. The technicians tested several time scenarios to verify a countdown timer was triggered when the observation start time is between 0 and 15 minutes inclusive prior to the displayed time on the instrument. The allowable observation time entry is also restricted to a two-hour window prior to the current time displayed on the instrument. The technicians tested several scenarios to verify the restriction. The technicians verified the instrument performed as expected and the change reflects what was requested.
- 7. The requested change was for the instrument functionality to be modified in the Reprint menu option. When a search list is populated and a selection is made, the instrument will display a simplified feedback screen. The simplified feedback screen will contain information (including subject last name, subject DOB, and operator last name) for the operator to know that the desired record was selected from the search list. Technicians verified abbreviated information is displayed on the "Reprint screen" after selecting a record to be reprinted and verified the selected document corresponds to the selected

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record. The change reflects what was requested.

8. The requested change was to modify the signature block of the Breath Test Document generated by the instrument system during measurement procedure 1 (Evidential Breath Test) or 2 (Training Breath Test) to include an updated Penalty of Perjury Statement and remove the RCW reference. The technicians verified each breath test document has the following penalty of perjury statement and signature block:

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signatu	re	
Printed Name _		-
Date	_ Location: City/State	

The change reflects what was requested.

- 9. The requested change was for the instrument functionality to be modified so that during manual data entry for Subject Gender, a third gender option is available and no selection is indicated by default. This would be reflected as an "X" in the display, data entry, and data storage of the Subject Gender. Technician verified three gender options were present during data entry and the proper data transmitted during polling. The change reflects what was requested.
- 10. The requested change was for the instrument functionality to be modified so that the instrument places itself out of service when a CAL GAS SUPPLY Status Code 3 was encountered. The technicians forced the instrument to encounter a Status Code 3 and verified the instrument would place itself out of service in the Evidential Mode. The change reflects what was requested.
- 11. A request was made to change how the instrument determines sample agreement. The software version implementing this change was not accepted nor tested. The request was made to revert back to the original method of determining sample agreement (truncating the mean of all four results). Draeger engineers verified the proper functioning of the algorithm.
- 12. While testing software at the Draeger facility, Draeger engineers allowed for printouts to be automatically generated for results other than a Refusal, an Incomplete, or Complete Breath Test. A request was made to automatically generate a document only in the case of a Refusal, an Incomplete or a Complete Breath Test. During the software validation,

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technicians monitored the automated printing. The change reflects what was requested.

- 13. The requested change was for the instrument functionality to be modified so that no selection is indicated by default for "Gender." The technician verified no selection is indicated by default. The change reflects what was requested.
- 14. The requested change was for the instrument functionality to be modified so that no selection is indicated by default for "Subject Ethnic Group." The technician verified no selection is indicated by default. The change reflects what was requested.

Each of the attached listed changes in this software version performed as expected. The instruments displayed data as expected when polled.

Based on the results of the validation procedure, I recommend the software package containing the following components:

WinCE: 8322797 version 5.14

M16: 8322798 version 1.2

Config: 8322796 3.1

be approved for deployment in all Draeger Alcotest 9510 instruments in Washington State.

The manufacturer has provided documentation regarding the changes requested and implemented. Draeger also provided documentation attesting that the analytical properties of the instrument have not changed due to the software modifications.

Attachment

I have reviewed the software validation documents and recommend approval

Reviewed + approved recommended

I have reviewed validation (GAP documents (Soltware Validation Notebook 2f, dated 06/22/2023) and this summary 100. The Collawing soldware versions are approved for use and deployment in all Oranger Alcohort 9510 vishments in Washington State: Win CE 8322797 version 5.14, M16 8322798 version 1.2, and Config 8322796 version 3.1.

Approved 7-6-2023 Juney From Couper, State Toxicologist

# Draeger Declaration

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To Whom It May Concern

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Thomas.vonhoegen@draeger.com

May,08th, 2023

Dräger Alcotest 9510 Washington State

#### **STATEMENT**

Due to customer requirements we have implemented the following changes into the Alcotest 9510 used at Washington State Patrol:

- 1. The device accepts both styles of Washington State driver licenses (pre -2017 and "new style" October 2017)
- 2. Modifications of status code handling
- 3. Modification of measurement procedure 6 ('Supervisor Test)
- 4. Remove of "Database type" from drop-down selection list
- 5. Change of external printout: add a vertical line feed below "Officer signature"
- 6. Correction of Observation Start Time handling
- 7. Update of the Reprint menu option
- 8. Remove reference to 9A.72.085 from printout measurement procedure 1 or 2
- 9. Add option for third gender
- 10. Change of handling CAL GAS SUPPLY status code during a breath test sequence (If the mentioned status code occurs during a breath test sequence the instrument will proceed to take itself out of service. No further breath test sequence can be started)

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- 11. The mean of all four results (IR1, EC1, IR2 and EC2) will be calculated and truncated to four digits following the decimal. This mean will be used to calculate the upper (mean\*1.1) and lower (mean\*0.9) tolerance limit truncated to three digits following the decimal
- 12. External printout for measurement 1 and 2 in case of no error or refusal or incomplete test
- 13. No default is selected for the gender data input
- 14. No default is selected for the ethnic group data input

For further detail: Please notice the attachment.

The new version of the device is released on November 11th, 2022.

	Current version	New version Part-#; /Version
WinCE application:	8322797 / V5.11	8322797 / V5.14
Measurement System M16 Firmware	8322798 / V 0.9	8322798 / V 1.2
Configuration	8322796 / V 2.7	8322796 / V 3.1

The changes in this firmware, configuration and WinCE Application do not affect metrological functions, algorithms or other settings of the updated device. All device specific data will remain in the device.

Yours sincerely

Thomas von Hoegen

T. vn Vogan

Approval Engineer Alcotest & Drugtest

Research & Development

Attachment:

Washington State Patrol Alcotest 9510 Functionality Modification List

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# Alcotest 9510 Functionality Modification List

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# **Washington State Patrol Alcotest 9510 Functionality Modification List**

Delivery for Evaluation: November 11, 2022

WinCE application: Part Number 8322797, Version 5.14 (0x2B9D)
Measurement System (M16) Firmware: Part Number 8322798, Version 1.2 (0x3F84)

Configuration: Part Number: Part Number 8322796, Version 3.1 (0xE495/0xC365)

	110	
Item	Modification	Status
1.	Support the successful scanning of both pre-2017 and "new-style" October 2017 Washington State driver licenses with corresponding data encoding. The instrument will seamlessly support either style. Parsing functionality shall be designed to support reading Driver Licenses with barcode encoding that comply with the AAMVA DL/ID Card Design Standard from 2020.	Implemented in delivered Software Version
2.	Modification of status code handling. After a status code is generated in measurement procedure 1 (Evidential Breath Test) or2 (Training Breath Test), status codes generated subsequent to data-logging and prior the conditional disabling algorithm do not prevent the instrument from exposing the original status code to the conditional disabling algorithm.	Implemented in delivered Software Version
3.	Modification to measurement procedure 6 (Supervisor Test). The used Input corresponds now to the "Gas Inlet" section in the native dialog settings screen.	Implemented in delivered Software Version
4.	Removal of all "Database type" from drop-down selection list in Reprint function which do not generate printouts.	Implemented in delivered Software Version
5.	Inserted one extra vertical line feed between "Officer Signature" line and "Location Signed" line on the measurement procedure 1 (Evidential Breath Test) external printout.	Implemented in delivered Software Version
6.	Corrected Observation Start Time handling. For measurement procedure 1 (Evidential Breath Test) and 2 (Training Breath Test) the instrument displays observation countdown timer when the entered observation start time is between 0 and 15 minutes ago from the current instrument time.	Implemented in delivered Software Version
7.	Update of the Reprint menu option. Instead of when a search list is populated and a selection is made with no discernable action from the instrument other than returning to the search list, the instrument will display a feedback screen. The feedback screen contains information including subject last name, subject DOB, operator last name and record number).	Implemented in delivered Software Version
8.	Remove the reference to 9A.72.085 from the printout in measurement procedure 1 (Evidential Breath Test) or 2 (Training Breath Test).	Implemented in delivered Software Version
9.	Added third Gender Option during manual data entry for Subject Gender. This will be reflected as an "X" in the display, data entry, and printing of the Subject Gender. For automatic driver license scanning, the "X" is used as well.	Implemented in delivered Software Version
10.	Change of handling CAL GAS SUPPLY status code during a breath test sequence.	Implemented in delivered Software Version



	If the mentioned status code occurs during a breath test sequence the instrument will proceed to take itself out of service.  No further breath test sequence can be started.	
11.	The mean of all four results (IR1, EC1, IR2 and EC2) will be calculated and truncated to four digits following the decimal. This mean will be used to calculate the upper (mean*1.1) and lower (mean*0.9) tolerance limit truncated to three digits following the decimal	Implemented in delivered Software Version
12.	An External Printout for Measurement 1 and 2 is only generated in case of no Error or Error 46 (Refusal) and Error 56 (Test Incomplete)	Implemented in delivered Software Version
13.	No Default is selected for the Gender Data Input	Implemented in delivered Software Version
14.	No Default is selected for the Ethnic Group Data Input	Implemented in delivered Software Version

# Software version 5.12, 1.0, 2.8

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# **Software version 5.12, 1.0, 2.8**

## **Requested modifications:**

- 1. Support the successful scanning of all current Washington State driver licenses as well as all licenses with barcode encoding which complies with the AAMVA DL/ID Card Design Standard from 2020.
- 2. Modification of status code handling to ensure proper instrument response.
- 3. Allow cylinder selection during a Supervisor Test.
- 4. Remove reprint selections from the drop-down list which do not generate printed documents.
- 5. Adjust the spacing on the printed breath test documents.
- 6. Restrict acceptable observation times to a two-hour window and ensure a countdown timer is displayed when the entered observation start time is between 0 and 15 minutes inclusive prior to the current instrument time.
- 7. Include a reprint feedback screen to display the subject last name, subject DOB, operator last name, and record number of the record selected.
- 8. Update the "Penalty of Perjury Statement" and remove the reference to 9A.72.085 RCW.
- 9. Add a third gender option, "X," which will can be manually entered or auto-populated from scanning the license or identification card.

The software package delivered on June 29, 2021 contained the following components:

WinCE: 8322797 version 5.12M16: 8322798 version 1.0

• Config: 8322796 2.8

On July 22, 2021, four technicians were provided with instructions regarding the installation and testing of the software. Worksheets were provided to record the results.

BAC Technician	<b>Draeger Instrument</b>
Trooper Justin Rumsey	ARAH-0094
Trooper John Axtman	AREH-0024
Forensic Scientist Ruth Cramer	ARJN-0047
Trooper Mike Qunell	ARKA-0043

When testing the allowable observation times, all four instruments allowed entries outside of the expected two-hour window prior to the current time on the instrument. In addition, contrary to what was requested, all four instruments listed measurement procedure options which do not generate printouts. The software package was therefore rejected. Draeger was notified and revised software was requested.

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# **Alcotest 9510 Functionality Change Request Quotation**

Washington State Patrol

March 31, 2021

Quotation Number: LF20210331G

**Functionality Change Specifications** 

	ctionality Change Specifications					
Item	Specification/Requirement					
1	Functionality change requests to be branched from/based on following current					
	software status:					
	WinCE p/n 8322797 v5.11 0x2615					
	M16 p/n 8322798 v0.9 0xCFEB					
	Config p/n 8322796A/NA, v2.7, 0x61F1/0x4422					
	Bootloader: 8323536 1.5					
	Image: 8322915 1.8					
2	Washington Alcotest® 9510 (instrument) functionality to be modified in					
	measurement procedure 1 (Evidential Breath Test) and 2 (Training Breath Test)					
	to support the successful scanning of both pre-2017 and "new-style" October					
	2017 Washington State driver licenses with corresponding data encoding. New					
	style encoding presently cannot be read by the instruments. The instrument will					
	seamlessly support either style. No user interface changes will occur, so operator					
	will not need to know which style is scanned or further interact with the					
	instrument to allow for successful scanning. Parsing functionality shall be					
	designed to support reading Driver Licenses with barcode encoding that comply					
	with the AAMVA DL/ID Card Design Standard from 2020. WSP will provide					
	Draeger with samples of Washington, Oregon, and Idaho licenses for testing.					
3	Instrument functionality to be modified so that after a status code is generated in					
	measurement procedure 1 (Evidential Breath Test) or 2 (Training Breath Test),					
	status codes generated subsequent to data-logging and prior the conditional					
	disabling algorithm do not prevent the instrument from exposing the original					
	status code to the conditional disabling algorithm. This is a no-charge					
	modification.					
4	Instrument functionality to be modified so that measurement procedure 6					
	(Supervisor Test) responds to input from "Gas Inlet" section in the native dialog					
	settings screen, instead of input setting from the "Set Cylinder" function. This is a					
	no-charge modification.					
5	Instrument functionality to be modified to remove from the Reprint function					
	"Database type" drop-down selection list all measurement procedure options					
	which do not generate printouts. This is a no-charge modification.					
6	Insert one extra vertical line feed between "Officer Signature" line and "Location					
	Signed" line on the Evidential Test external printout formatting. This is a no-					
	charge modification.					

Draeger, Inc. 7256 S Sam Houston Pkwy West Suite 100 Houston TX 77085 www.draeger.com



7	Removed – no action.						
8	Removed – no action.						
9	Removed – no action.						
10	Instrument functionality to be modified in measurement procedure 1 (Evidential Breath Test) and 2 (Training Breath Test) so instrument displays observation						
10							
	countdown timer when the entered observ				•		
	minutes ago from the current instrument ti					-	_
11	Instrument functionality to be modified in t						
11	1	•					
	when a search list is populated and a sele						
	action from the instrument other than retu	_					
	will display some type of simplified feedba						
	screen will contain information (possibly in	_	-				
	DOB, operator last name, or record numb	,					tne
	desired record was selected from the sear	cn iist. I	nis is	a no-	cnarge	9	
40	modification.	1 0004	1.6		D (1	<del>-</del> ,	
12	Due to a legislative change effective July						
	Document generated by the instrument sy		_			•	
	(Evidential Breath Test) or 2 (Training Bre	,		-		ction t	hat
	begins with the words "I certify" and follow	owing. Fo	or exa	ample	ATE PATRO		
	***	ALC	OTEST 95	NTIARY SU	DBJECT TES	<b>T</b> KA-0070	
	4	CC	SOFTWA NFIGURA	RE VERSION VERS	ON 8322798 ION 8322796 AP: 02/25/20	0.9 3 2.7	
			DAIL	JI LAGI QA	AF. UZ/25/20	19	
	Observation	e: <b>04/09/2019</b> Period Began: <b>23:3</b> Nu <u>mber: <b>C127976</b></u>	, 11				
	Operator Na Subject Nar	me: e:					
	Subject Dat External Sta	ndard Lot:					
	Breath An-	lysis Resu	It Time	Volume	Blowtime seconds	]	
	Blank Test	0.000 Indard VERIFIE	23:05				
	Subject Sa	mple 1		1.8	6.8		
	IR Resi						
	Blank Test External S	0.000 andard IR 0.079					
	External S	andard EC 0.080	23:08				
	Blank Test Subject Sa	0.000 nple 2	23:09	2.2	8.0		
	IR Resu					a _	
	Blank Test	0.000		-			
	During this to	I followed all make calculations					
	During this tes times of this tes lobserved the street foreign as	I followed all protocols I was certified to opera subject during the entire stances in their mouth.	set in place by ie the Alcotost : observation po	ure washingtor 9510 and posse priod and during	state Toxicologi ssed a valid pern that time they did	st for the purpos of issued by the i not eat, drink, a	es of this test. At the State Toxicologist. moke, vamit, or place
		are) under penalty of per contained therein are t					
	Officer Signatu			Replace th	is section with Date_	formatting a	s follows below:
	Location Signs						
	Replace the above section with the follow						
	I declare under penalty of perjury under the la	w of Was	hingto	n that	the for	egoing	g is true
i	and correct.						

Draeger, Inc. 7256 S Sam Houston Pkwy West Suite 100 Houston TX 77085 www.draeger.com

07/06/2023



	Officer Signature
	Date Location: City/State
13	Instrument functionality to be modified so that during manual data entry for Subject Gender will include a third gender option for non-binary. This will be reflected as an "X" in the display, data entry, and printing of the Subject Gender. For automatic driver license scanning, the X (if encoded for subject gender). WSP shall specify the encoding method for the non-binary option for their state. It is assumed that this will utilize the DBC element ID. But it needs to be specified if the non-binary "X" option shall correspond to the "9" definition for DBC or if another definition will be utilized.

# **Functionality Change Request Quotation Price**

Per Functionality Change Specifications above

\$23,900.00

# **Functionality Change Procedure**

- Only modifications stated in the specifications section above are included.
- If the Washington State Patrol desires changes to the specifications of the functionality change, request a new quotation with a new quotation number identifier.
- Purchase orders for the functionality change must reference a specific quotation number identifier, which indicates Washington State Patrol approval for Draeger, Inc. to proceed with the associated Functionality Change Specifications as the scope of work. In the event multiple quotations exist, the version specified on the purchase order prevails as the scope of work.
- Draeger, Inc. will not modify functionality outside the scope of the specifications unless approved in writing by the Washington State Patrol.
- Based on current conditions and anticipated timely receipt of order, estimated software delivery is no later than June 25, 2021.
- Draeger, Inc. continues to strive toward reasonable timeliness of delivery. Due to the COVID-19 pandemic, product, service, and workforce effects may occur. Draeger, Inc. may be subject to government orders affecting delivery schedule and, as a result, trigger the Force Majeure provisions under Section 7 of the Draeger, Inc. standard terms and conditions.

We look forward to this opportunity to serve and support you.

Sincerely,

07/06/2023

Larkin Fourkiller, Regional Sales Manager

Draeger, Inc. 7256 S Sam Houston Pkwy West Suite 100 Houston TX 77085 www.draeger.com

# Procedure document Version 5.12, 1.0, 2.8

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WINCE: 8322797 VERSION 5.12
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.8

A QAP will be performed on an instrument loaded with the new software. Verify software versions by using the internal printer and attaching the results on page one of the Software Verification Documentation.

#### **Steps:**

- 1. Complete an "AS FOUND" Test, if applicable
- 2. If applicable, poll the instrument, upload data, and confirm data is not corrupted
- 3. Copy all software files to a Draeger Key (do not delete any files). Your computer must be "Bit Locker Exempt."

Name	Туре	Compressed size	Password p Size		Ratio	Date modified
8322796.wcf	WCF File	1 KB	No	1 KB	45%	6/10/2021 12:58
3322796A	File	4 KB	No	16 KB	74%	6/16/2021 13:36
8322796NA	File	637 KB	No	2,557 KB	76%	6/10/2021 12:58
<b>8322797_5.12</b>	Application	716 KB	No	1,927 KB	63%	6/14/2021 13:26
8322798_1.0_0xF39C.bin.sig	SIG File	129 KB	No	480 KB	74%	6/16/2021 13:36

- 4. Install the software
  - a. Insert USB into the Draeger you have chosen for the validation
    - i. Menu
      - 1. Maintenance
        - a. Update WinCE Application 8322797 version 5.12
        - b. Run
    - ii. Menu
      - 1. Maintenance
        - a. Update Measurement System Firmware 8322798 version 1.0
        - b. Run
    - iii. Menu
      - 1. Maintenance
        - a. Update Configuration Files 8322796 version 2.8
        - b. Run
  - b. If "Load Firmware/" Wrong File" appears, Continue process
  - c. If "Invalid Digital Signature appears
    - i. Maintenance
      - 1. Event Logger
        - a. Remove
          - i. Confirm Warnings
- 5. Perform a complete QAP (following the procedure in the current 2020 Technical Manual up to and including section 3.3.8 QAP Printout).

- WINCE: 8322797 VERSION 5.12
  M16: 8322798 VERSION 1.0
  CONFIG: 8322796 VERSION 2.8
- 6. Perform several breath test sequences, varying entry choices
  - a. Observation time
    - i. When the instrument is "READY" to begin the testing sequence, enter the time displayed on the Draeger clock. The instrument should begin a countdown timer of 16 minutes.
    - ii. When the instrument is "READY" to begin the testing sequence, enter a time more than 120 minutes prior to the time displayed on the Draeger clock, example enter 0800 if the actual time is 2000 hours. The instrument should not continue with the testing sequence.
    - iii. When the instrument is "READY" to begin the testing sequence, enter a time "later than" the time displayed on the Draeger clock, example enter 2000 if the actual time is 0800 hours. The instrument should not continue with the testing sequence.
    - iv. When the instrument is "READY" to begin the testing sequence, enter a time exactly 15 minutes prior to the time displayed on the Draeger clock. The instrument should begin a countdown timer of one minute.
    - v. When the instrument is "READY" to begin the testing sequence, enter a time within 15 minutes prior to the time displayed on the Draeger clock. The instrument should begin a countdown timer of one minute more than the difference between the displayed time and the time entered.
    - vi. Summary Screen verify time displayed matches time entered
  - b. Operator Observed Subject Entire Time Enter No and press Next. The test should be cancelled; complete the observation period correctly and begin again.
  - c. Subject Smoke, Vomit, Put Anything in Mouth Enter No and press Next. The test should cancelled; complete the observation period correctly and begin again.
  - d. Citation/Case Number Using a combination of alpha and numeric characters, enter the number and press Next.
  - e. County of Arrest Select the county by pressing the selection box and choosing the correct county and then press Next. Verify all counties are present (see page 4).
  - f. Crime Arrested For Select the offense from the drop-down menu. Verify all choices are present.
  - g. Collision Involved Select Yes or No and then press Next.
  - h. Subject drinking at specific drinking establishment
    - i. Select No verify drop-down menu of other options will appear.
    - ii. Select Yes enter the name and location of the establishment in the fields to run a search.
  - i. PBT Given
    - i. Select No
    - ii. Select Yes enter a PBT time.
  - j. Summary Screen verify information displayed matches information entered
  - k. Scan Operator Card
    - i. Enter No enter information manually
    - ii. Enter Yes, scan card and verify information
  - 1. Summary Screen verify information displayed matches information entered
  - m. Subject Ethnic Group Select the subject's ethnicity from the drop-down menu. Verify all choices are present.
  - n. Subject Driver License State
    - i. Select Washington, Oregon, Idaho Verify option to scan the license follows
      - 1. Scan Washington, Oregon, and Idaho licenses
    - ii. Select other states Verify the only option is to enter information manually
      - 1. Enter information manually
        - a. Verify Gender will include a third gender option for non-binary displayed as "X."

- WINCE: 8322797 VERSION 5.12
  M16: 8322798 VERSION 1.0
  CONFIG: 8322796 VERSION 2.8
- o. Summary Screen verify information displayed matches information entered, specifically the gender option
- p. Provide a breath test
  - i. Stop prior to sample acceptance, take a breath, then continue
- q. Printout verify the printout accurately reflects data entry, requested spacing and Penalty of Perjury Statement verbiage.
- 7. Set up the instrument for a second breath test
  - a. Allow two minutes to pass Verify "Refusal" and "Incomplete" are displayed.
    - i. Select "Incomplete"
    - ii. Verify an "Incomplete" breath test document is produced
- 8. Set up the instrument for a third breath test
  - After all data is entered and breath test sequence has begun, press "Stop" verify "Refusal,"
     "Incomplete," and "Continue" are displayed.
    - i. Select "Refusal"
    - ii. Verify an "Refusal" breath test document is produced
- 9. Identify active cylinder. Set up to run a Supervisor Test and select the non-active cylinder. Run a supervisory test to determine the selected cylinder is accessed during the Supervisor Test. Change the active cylinder and repeat.
- 10. Reprint function
  - a. Verify information is displayed on the "Reprint screen" after selecting a record to be reprinted. Reprint selected document.
  - b. Verify the following are listed as database reprint options:
    - i. Evidential Subject Test
    - ii. Training Subject Test
    - iii. External Standard Change
    - iv. Supervisor Test
    - v. ABA
    - vi. Special ABA
    - vii. QAP Printout
  - c. Verify the following are not listed as database reprint options:
    - i. Enable/Disable
    - ii. QAP Set Cert
    - iii. QAP calibration
    - iv. QAP Linearity
    - v. QAP Mouth Alcohol
    - vi. QAP Interference
    - vii. QAP Breath Test
- 11. Verify appropriate automatic time adjustments
  - a. Set date and time to March 14, 2021, 0158 hours (you may need to do this more than once). Verify time changes from 0159 hours to 0300 hours.
  - b. Set date and time to November 07, 2021, 0158 hours (you may need to do this more than once). Verify time changes from 0159 hours to 0100 hours.
- 12. Verify polling data reflects entered data (scanned and manual entries; gender selection; etc.).

WINCE: 8322797 VERSION 5.12
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.8

## **DROP-DOWN LISTS**

CO	UNTY	OF	ARREST	I

# Adams

DUI

Other

Assault

Physical control

0.02 Minor law

Officer self test

Domestic Violence

Commercial drivers lic.

Administrative Procedure

Boating under the Influence

Homicide by Watercraft

Assault by Watercraft

Asotin Benton Chelan Clallam

Clark Columbia

Cowlitz Douglas

Ferry Franklin Garfield Grant

Grays Harbor

Island
Jefferson
King
Kitsap
Kittitas
Klickitat
Lewis
Lincoln
Mason

Mason
Okanogan
Pacific

Pend Oreille

Pierce San Juan Skagit Skamania

Snohomish

Spokane Stevens

Thurston

Wahkiakum Walla Walla

Whatcom

Whitman

Yakima

### CRIME ARRESTED FOR DRINKING LOCATION

Refused

Refuses to give info

Unknown

Banquet/formal party

Club-Elks,Moose,etc Comm non pass

Dining establishment Event-sprtng,cncrt,etc.

Other

Pass/comm. conv Private conveyance Private home Public bar/tavern Drinking in Canada Drinking in Idaho Drinking in Oregon Vessel,prvtly owned

Vessel, commercial

### **ETHNIC GROUP**

White Black Asian East Indian

Native American Hispanic Pacific Islander

Other

WINCE: 8322797 VERSION 5.12
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.8

# **Software Verification Documentation**

Technician:

**Instrument Serial Number:** 

Date Testing Performed: Click or tap to enter a date.

Affix the initialed & dated active software versions printout here.

WINCE: 8322797 VERSION 5.12
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.8

## **Observation times**

Draeger Displayed Time	Entered Time	Result
Comments		

# Data entry

Type of data	Instrument reacted as intended (yes/no)		Comments
Operator Observed Subject Entire Time	□ Yes	□ No	
Summary Screen	□ Yes	□ No	
Subject Smoke, Vomit, Put Anything in Mouth	□ Yes	□ No	
Citation/Case Number	☐ Yes	□ No	
County of Arrest	☐ Yes	□ No	
Collision Involved	□ Yes	□ No	
Subject drinking at specific drinking establishment	□ Yes	□ No	
PBT Given	☐ Yes	□ No	
Summary Screen	□ Yes	□ No	
Scan Operator Card	□ Yes	□ No	
Summary Screen	☐ Yes	□ No	
Subject Ethnic Group	☐ Yes	□ No	
Subject Driver License State	☐ Yes	□ No	
Washington, Oregon, Idaho Licenses	□ Yes	□ No	
Other Licenses & manual entry	☐ Yes	□ No	
Gender "X"	☐ Yes	□ No	
Summary	□ Yes	□ No	
Breath Test	☐ Yes	□ No	
Printed Document	☐ Yes	□ No	
Comments			

BAC Technician Software Validation Documentation

WINCE: 8322797 VERSION 5.12
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.8

Breath Test Scenarios	
Type of scenario	Instrument reacted as intended (yes/no)
Not meeting sampling parameter, then continue	□ Yes □ No
Meeting sampling parameters	☐ Yes ☐ No
Allow two minutes to pass – Verify "Refusal" & "Incomplete" are displayed/Printout	☐ Yes ☐ No
Press "Stop" – verify "Refusal," "Incomplete," & "Continue" are displayed/Printout	☐ Yes ☐ No
Comments	
Supervisor Test	
Type of scenario	Instrument reacted as intended (yes/no)
Active Cylinder 1; Cylinder set to 2 during Supervisor Test	☐ Yes ☐ No
Active Cylinder 2; Cylinder set to 1 during Supervisor Test  Comments	☐ Yes ☐ No
Reprint function	
	Instrument reacted as
Type of scenario	intended (yes/no)
Verify information is displayed on the "Reprint screen" after selecting a record to be reprinted. Reprint selected document.	□ Yes □ No
Verify identified items ARE listed as reprint options	☐ Yes ☐ No
Verify identified items are NOT listed as reprint options	☐ Yes ☐ No
Comments	
Polling Data	
Verify polling data reflects information from breath test (gender selection, license information, etc).	□ Yes □ No
Comments	
Daylight Saving Time Change	
Type of scenario	Instrument reacted as intended (yes/no)
Time change on March 14, 2021	☐ Yes ☐ No
Time change on November 7, 2021	☐ Yes ☐ No
Comments	

Other comments:

# Technician worksheets Version 5.12, 1.0, 2.8

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# ARAH-0094 Trooper Justin Rumsey Version 5.12, 1.0, 2.8

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WINCE: 8322797 VERSION 5.12
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.8

# **Software Verification Documentation**

Technician: Justin Rumsey

**Instrument Serial Number:** ARAH-0094

**Date Testing Performed:** 7/28/2021

Date: 27.07.2021
Time: 13:04

Serial: ARAH-0094

M16 Ver:1.0/8322798
M16 Checksum:0xF39C
BTL Ver:1.5/8323536

WinCE Ver:5.12/8322797
WinCE Checksum:0xEFEC
WinCE ImageVer:1.8

Cfg Ver:2.8/8322796A
AP Ver:2.8/8322796A
AP/NAP CRC:0x3236/0x745C

Drink. location: 0x6AAA
Lifecounter: 43029

Config files:
RecordData\_091
InternalPrinterCfg\_026
TextsInternalPrt\_039
FontsInternalPrt\_039
FontsInternalPrt\_039
FontsInternalPrt\_001
Parameter\_039
MeasProc\_130
WinCeCfg\_052
ExternalPrtCfg\_106
TextsIExternalPrt\_066
AccessRights\_029

Subversion:
WA

WINCE: 8322797 VERSION 5.12
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.8

## Observation times

Draeger Displayed Time	Entered Time	Result
1118	0917	Allowed to proceed with the test
1119	0000	Allowed to proceed with the test
1119	2359	Stopped the test as intended
1138	2000	Stopped the test as intended
1142	1127	Worked as intended
1144	1140	Worked as intended

Comments: The feature stopping the tests 120 min before the time shown on the instrument does not work.

# Data entry

Type of data	Instrument reacted as intended (yes/no)	Comments
Operator Observed Subject Entire Time	X Yes	
Summary Screen	X Yes	
Subject Smoke, Vomit, Put Anything in Mouth	X Yes	
Citation/Case Number	X Yes	
County of Arrest	X Yes	
Collision Involved	X Yes	
Subject drinking at specific drinking establishment	X Yes	
PBT Given	X Yes	
Summary Screen	X Yes	
Scan Operator Card	X Yes	
Summary Screen	X Yes	
Subject Ethnic Group	X Yes	
Subject Driver License State	X Yes	
Washington, Oregon, Idaho Licenses	X Yes	
Other Licenses & manual entry	X Yes	
Gender "X"	X Yes	
Summary	X Yes	
Breath Test	X Yes	
Printed Document	X Yes	

Comments: Crime arrested for worked as intended with the proper list of crimes. My first breath test ticket printout failed as well as the reprint however after restarting the instrument all printing features worked properly.

• WINCE: 8322797 VERSION 5.12 • M16: 8322798 VERSION 1.0 • CONFIG: 8322796 VERSION 2.8

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Kree	th	Act	COL	ıarios

Type of scenario	Instrument reacted as intended (yes/no)		
Not meeting sampling parameter, then continue	X Yes □ No		
Meeting sampling parameters	X Yes □ No		
Allow two minutes to pass – Verify "Refusal" & "Incomplete" are displayed/Printout	X Yes □ No		
Press "Stop" – verify "Refusal," "Incomplete," & "Continue" are displayed/Printout	X Yes □ No		
Comments			
Type of scenario	Instrument reacted as intended (yes/no)		
Active Cylinder 1; Cylinder set to 2 during Supervisor Test	X Yes □ No		
Active Cylinder 2; Cylinder set to 1 during Supervisor Test Comments	X Yes		
Comments  Reprint function	Instrument reacted as		
Comments  Reprint function  Type of scenario  Verify information is displayed on the "Reprint screen" after selecting a record to be			
Comments  Reprint function  Type of scenario	Instrument reacted as intended (yes/no)		
Comments  Reprint function  Type of scenario  Verify information is displayed on the "Reprint screen" after selecting a record to be reprinted. Reprint selected document.  Verify identified items ARE listed as reprint options  Verify identified items are NOT listed as reprint options	Instrument reacted as intended (yes/no)  X Yes □ No  X Yes □ No  □ Yes X No		
Comments  Reprint function  Type of scenario  Verify information is displayed on the "Reprint screen" after selecting a record to be reprinted. Reprint selected document.  Verify identified items ARE listed as reprint options	Instrument reacted as intended (yes/no)  X Yes □ No  X Yes □ No  □ Yes X No		

# **Daylight Saving Time Change**

Type of scenario	Instrument reacted as intended (yes/no)
Time change on March 14, 2021	X Yes □ No
Time change on November 7, 2021	X Yes □ No
Comments	

## Other comments:

# **DRAEGER ALCOTEST 9510 CALIBRATION/ADJUSTMENT RECORD**

CONFIG. VER.:	<u>8322796 2.</u>	.8						
TECHNICIAN:	JUSTIN RU	JMSEY						
TIME/DATE BEGAN:	08:33 07/28	8/2021						
CALIBRATION ADJUS	TMENT DE	DEODMED.	VE	c				
	202007A		EF VALUE: 0		SIM#: DR	4522	THERM#: J	DR4522
	-				<u> </u>			
			CALIBRATI	I <b>ON PROC</b> I Ilts Units g/I				
			ПСЭС	iits Offits g/	210L			
Simulator #	DF	R4487	DR	4522	D	R4983	DF	R4489
Sim Thermometer #		R4487	DR4522		D	R4983	DR4489	
QAP Batch #		2003A		103C		202103B		2010C
Reference Value	0.0	)405	0.0	802	0.	1503	0.2	2022
Sim Temp 34.0°C ±	VE	.0	\ <u></u>	2	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		\/F	
0.2°C Before?	YE	EC	IR	EC	IR	ES EC	YE	EC
1	0.039	0.039	0.080	0.078	0.150	0.146	0.201	0.194
2		0.039	0.079	0.079	0.149	0.146	0.201	0.196
3	0.039	0.039	0.079	0.079	0.149	0.147	0.201	0.196
4	0.039	0.039	0.080	0.079	0.149	0.147	0.201	0.196
5	0.039	0.039	0.080	0.079	0.149	0.146	0.201	0.195
Sim Temp 34.0°C ±								
0.2°C After?	YE		YES			<u> </u>	YE	:S
	0.0390	0.0390	0.0796	0.0788	0.1492	<u>0.1464</u>	0.2010	0.1954
	0.0000	0.0000	0.0005	0.0004	0.0004	0.0005	0.0000	0.0009
	-3.70	3.70	0.75	<u>-1.75</u>	0.73	<u>-2.59</u>	-0.59	-3.36
CV %	0.00	0.00	0.63	0.51	0.27	0.34	0.00	0.46
COMPLETE BREATH	TEST:	YES_	ESS LOT#:	1308463	***************************************	EXP DATE	: 04/06/202	!3
NTERFERENCE TEST	-	YES	ВАТСН#:	202103C		SIM#:	DR4522	
	•		ACETONE			THERM#:	DR4522	
		,				•		***************************************
NVALID SAMPLE:		YES_						
REFERENCE BAROME	ETED Q/NI-	410004S	11			,		
TEI EILENGE BANGIM	_	4100043	0					
COMMENTS:								
ı								
AS FOUND ESS RESU	ı T.	ID: //	/A	EC: $\wedge$	// A			
-01 OOMD E33 NE3U	LI.	IR: / V			. ,,			
	,	1 1-				1 .	02 a c =	
JUSTIN RUMSEY Fechnician Name		1 6/	<u>/</u>			[919	07-28-7	
ecnnician Name		Signature	9			Time/Date	e Procedure	Completed

07/06/2023

SERIAL NUMBER:

SOFTWARE VER.:

ARAH-0094

8322798 1.0

ALCOTEST 9510 SERIAL NUMBER ARAH-0094 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.8 DATE OF LAST QAP: 07/28/2021

Analysis Date: 07/28/2021

Observation Period Began: 12:30 Citation/Case Number: 1A2B3C Operator Name: RUMSEY/ JUSTIN/ P

Subject Name: TEST/ TEST/ -Subject Date of Birth: 01/01/1950 External Standard Lot: 1428765

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	12:52		
Internal Standard VE	RIFIED	12:52		
Subject Sample 1			2.2	8.8
IR Result	0.000	12:53		
EC Result	0.000	12:53		
Blank Test	0.000	12:54		
External Standard IR	0.080	12:55		
External Standard EC	0.077	12:55		
Blank Test	0.000	12:57		
Subject Sample 2			2.2	9.4
IR Result	0.000	12:57		
EC Result	0.000	12:57		
Blank Test	0.000	12:58		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.
Officer Signature
Printed Name
Date 07-78-21 Location: City/State Www bAP, WA

ALCOTEST 9510 SERIAL NUMBER ARAH-0094 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.8 DATE OF LAST QAP: 07/28/2021

Analysis Date: 07/28/2021

Observation Period Began: 13:00 Citation/Case Number: 1A2B3C Operator Name: RUMSEY/ JUSTIN/ P Subject Name: SAMPLE/ JOHN/ A Subject Date of Birth: 01/06/1958 External Standard Lot: 1428765

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	13:38		
Internal Standard	/ERIFIED	13:39		
Subject Sample 1				
IR Result	44444	13:41		
EC Result		13:41		
Blank Test		:		
External Standard IF	}	:		
External Standard E	C	:		
Blank Test		:		
Subject Sample 2				
IR Result				
EC Result		:		
Blank Test		:		

#### Test Result: TEST INCOMPLETE

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct
Officer Signature
Printed Name
Date Location: City/State Location: City/State A

ALCOTEST 9510 SERIAL NUMBER ARAH-0094 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.8 DATE OF LAST QAP: 07/28/2021

Analysis Date: 07/28/2021

Observation Period Began: 13:00 Citation/Case Number: 1A2B3C Operator Name: RUMSEY/ JUSTIN/ P Subject Name: SAMPLE/ JOHN/ A Subject Date of Birth: 01/06/1958 External Standard Lot: 1428765

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	13:42		
Internal Standard	/ERIFIED	13:43		
Subject Sample 1			and and law too bot 440	
IR Result		13:43		
EC Result		13:43		
Blank Test		:		
External Standard IF	}			
External Standard E	C	:		
Blank Test		:		
Subject Sample 2				
IR Result		:		
EC Result		:		
Blank Test	and that then took need	:		

#### Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

any foreign substances in their mouth.
I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.
Officer Signature
Printed Name Just Name /
DateLocation: City/State

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ALCOTEST 9510 SERIAL NUMBER ARAH-0094 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.8 DATE OF LAST QAP: 07/28/2021

Analysis Date: 07/28/2021

Observation Period Began: 13:40 Citation/Case Number: 123ABC Operator Name: RUMSEY/ JUSTIN/ P Subject Name: SAMPLE/ FEMALE/ NONE

Subject Date of Birth: 01/01/1980 External Standard Lot: 1428765

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	14:00		
Internal Standard \	/ERIFIED	14:01		
Subject Sample 1			Ann you sed you you no	
IR Result		14:01		
EC Result		14:01		
Blank Test	two pun time pun time tium	;		
External Standard IR		:		
External Standard E	C	:		
Blank Test		:		
Subject Sample 2			*** *** *** *** ***	
IR Result		:		
EC Result		:		
Blank Test		:		

#### Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

Printed Name

| (M) 72 | (Rw) 64
|
Date 07 28 21 | Location: City/State | Wtw 64P, WA

#### Washington State Patrol Supervisor Test

Test Date:	07/28/202	21 13:48	Sequential Te	st #:	821
Breath Test In	strument	Information			
Model	Alcotest 9	9510	Serial Number	r:	ARAH-0094
External Stand	dard Test	Details			
		Function  Diagnostic Blank Test External Standard IR External Standard EC Blank Test Diagnostic	Result g/210L OK 0.000 0.077 0.075 0.000 OK	Time HH:MI 13:48 13:48 13:48 13:49 13:50	<u>M</u>
Operator:	Justa J	Runsty		Sig. Da	ite: <u>07-28-21</u>

#### Washington State Patrol Supervisor Test

Test Date:	07/28/20	21 13:45	Sequential Tes	st #:	820
Breath Test In	strument	Information			
Model	Alcotest 9	9510	Serial Number	;	ARAH-0094
External Stan	dard Test	Details			
		Function  Diagnostic Blank Test External Standard IR External Standard EC Blank Test Diagnostic	Result g/210L OK 0.000 0.080 0.077 0.000 OK	Time HH:MN 13:45 13:45 13:45 13:45 13:46 13:47	<u>M</u>
Operator:	JUSTEN	Rumsey			

Sig. Date: <u>१७</u>-२४-२/

Signature: \_

## Washington State Patrol External Standard Change

Test Date: 07/28/2021 Sequential Test #: 816 Location: WASHINGTON **Breath Test Instrument Information** QAP Date Model Serial Number ARAH-0094 07/28/2021 Alcotest 9510 **Drygas Cylinder External Standard Information** Lot Number Concentration Expiration Inlet 0.080 12/31/2023 CAL GAS INLET 1 1428765 **External Standard Test Details** Time Function Result g/210L HH:MM Blank Test 0.000 11:09 External Standard IR 0.079 11:10 External Standard EC 0.078 11:10 Blank Test 0.000 11:11 External Standard IR 0.079 11:11 External Standard EC 11:11 0.079 Blank Test 0.000 11:13 0.080 11:13 External Standard IR 11:13 External Standard EC 0.079 Blank Test 0.000 11:13 External Standard Change Results: CYLINDER INSTALLATION SUCCESSFUL **Operator Information** Operator: JUSTIN RUMSEY

Signature:

Sig. Date:

07/28/2021

## AREH-0024 Trooper John Axtman Version 5.12, 1.0, 2.8

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WINCE: 8322797 VERSION 5.12
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.8

#### **Software Verification Documentation**

Technician: Axtman, John G

**Instrument Serial Number:** AREH-0024

Date Testing Performed: 7/29/2021

Draeger Alcotest 9510 Version info Date: 29.07.2021 -Time: 12:17 Serial: AREH-0024 M16 Ver: 1.0/8322798 M16 Checksum: 0xF39C BTL Ver: 1.5/8323536 WinCE Ver: 5.12/8322797 WinCE Checksum: 0xEFEC WinCE ImageVer: 1.6 Ofg Ver: 2.8/8322796 AP Ver: 2.8/8322796A NAP Ver: 2.8/8322796NA AP/NAP CRC: 0x3236/0x745C Drink. location: 0x6AAA Lifecounter: 44939 Config files: RecordData\_091 Internal Printer Cfg\_026 TextsInternalPrt\_039 FontsInternalPrt\_001 Parameter\_039 MeasProc\_130 WinCeCfg\_052 ExternalPrtCfg\_106 Texts1ExternalPrt\_066 AccessRights\_029 Subversion:

WINCE: 8322797 VERSION 5.12
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.8

#### Observation times

Draeger Displayed Time	Entered Time	Result
13:14	13:14	COUNTDOWN FOROM 16:00
13; 16	15:17	ERADIA  OBSGRUATSON START TIME CONTAINS AN INVOLO TEMO
13:17/13:20	11:10/10:19	ALLONS ME TO START
13; 21	13:06	COUNT DOWN 1:00
13:22	13:17	COUNTDOWN 11:00
Comments		

Data entry

Type of data	Instrument as intended (yes/no)		Comments
Operator Observed Subject Entire Time	<b>⊠</b> Yes	□ No	
Summary Screen	☑ Yes	□ No	
Subject Smoke, Vomit, Put Anything in Mouth	<b>₩</b> Yes	□ No	
Citation/Case Number	<b>⊠</b> Yes	□ No	
County of Arrest	☑ Yes	□ No	·
Collision Involved	₩ Yes	□ No	
Subject drinking at specific drinking establishment	⊠ Yes	□ No	ALLOWS YES TO CONTENUE WITH A PARTIAL NAME.
PBT Given	Yes Yes	□ No	
Summary Screen	₩ Yes	□ No	
Scan Operator Card	<b>∄</b> Yes	□ No	
Summary Screen	Yes	□ No	
Subject Ethnic Group	☑ Yes	□ No	
Subject Driver License State	Yes  Yes	□ No	
Washington, Oregon, Idaho Licenses	₽ Yes	□ No	
Other Licenses & manual entry	<b>₽</b> Yes	□ No	
Gender "X"	☑ Yes	□ No	
Summary	▼ Yes	□ No	
Breath Test	₹ Yes	□ No	
Printed Document	₩ Yes	□ No	
Comments			

WINCE: 8322797 VERSION 5.12
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.8

Breath Test Scenarios	Instrument	reacted as		
Type of scenario	intended (			
Not meeting sampling parameter, then continue	<b>№</b> Yes	□ No		
Meeting sampling parameters	ĭ Yes	□ No		
Allow two minutes to pass - Verify "Refusal" & "Incomplete" are displayed/Printout	<b>⋈</b> Yes	□ No		
Press "Stop" - verify "Refusal," "Incomplete," & "Continue" are displayed/Printout	☑ Yes	□ No		
Comments				
Supervisor Test		_		
Type of scenario	intended (	Instrument reacted as intended (yes/no)		
Active Cylinder 1; Cylinder set to 2 during Supervisor Test	<b>⊠</b> Yes	□ No		
Active Cylinder 2; Cylinder set to 1 during Supervisor Test	☑ Yes	□ No		
Reprint function  Type of scenario	Instrumen intended (	t reacted as yes/no)		
Verify information is displayed on the "Reprint screen" after selecting a record to be	intended (  ☑ Yes	yes/no) □ No		
reprinted. Reprint selected document.	⊠ Yes	□ No		
Verify identified items ARE listed as reprint options  Verify identified items are NOT listed as reprint options	☐ Yes	 ☑ No		
Comments THAT AND NOT SUPPOSED TO BU LISTED, ARE LISTED IN	טאמרן זאדו.			
Polling Data	T			
	<b>⊠</b> Yes	□ No		
Verify polling data reflects information from breath test (gender selection, license				
Verify polling data reflects information from breath test (gender selection, license information, etc).				
Verify polling data reflects information from breath test (gender selection, license information, etc).  Comments	Instrumer intended	nt reacted as (yes/no)		
Verify polling data reflects information from breath test (gender selection, license information, etc).  Comments  Daylight Saving Time Change				

#### Other comments:

### DRAEGER ALCOTEST 9510 CALIBRATION/ADJUSTMENT RECORD

SERIAL NUMBER:	AREH-0024		VIII.					
SOFTWARE VER.:	8322798 1.0	)	**************					
CONFIG. VER.:	8322796 2.8	3						
TECHNICIAN:	AXTMAN/JO	OHN		- Library W. W. F. H.				
TIME/DATE BEGAN:	12:58 07/29	/2021						
CALIBRATION ADJUS BATCH#:	STMENT PEF 201908B		YE E <b>F VALUE:</b> <u>O</u>		SIM#: DR2	513	THERM#: [	DR2513
				ION PROCE ults Units g/2				
Simulator #	DR	4777	DF	R4978	DF	R4778		R4544
Sim Theonometer #		4777		4978		R4778		R4544
QAP Batch # Reference Value	***************************************	2003A 405		2103C 0802		2001A 1513		2010C 2022
Sim Ternp 34.0°C ±								
0.2°C Before?	YE	S EC	YE IR	EC EC	YE	EC EC	YE	EC EC
1	IR 0.039	0.039	0.080	0.079	0.149	0.146	0.202	0.196
2		0.040	0.079	0.080	0.148	0.147	0.202	0.198
3		0.039	0.080	0.080	0.148	0.147	0.200	0.197
4 5		0.039 0.039	0.079 0.079	<u>0.079</u> 0.079	<u>0.148</u> 0.148	<u>0.146</u> 0.147	0.200 0.199	0.197 0.196
Sim Temp 34.0°C ±	0.039	0.039	0.019	0.019	0.140		0.100	0.100
0.2°C After?	YE	S	YE	S		<u> </u>	YE	
	0.0390	0.0392	0.0794	0.0794	0.1482	0.1466	0.2006	0.1968
SD Dial- W	Name and Address of the Publish of t	0.0004	0.0005	0.0005	<u>0.0004</u> -2.05	<u>0.0005</u> -3.11	<u>0.0013</u> -0.79	0.0008 -2.67
Bias % CV %		<u>-3.21</u> <u>1.02</u>	1.00 0.63	-1.00 0.63	0.27	0.34	0.65	0.41
COMPLETE BREATH	TEST:	YES	ESS LOT#	: 1391343		EXP DATE	E: 10/12/20	23
Number of the American	<b>-</b>	Mary Service and Author Service Servic				SIM#:	DR2513	
INTERFERENCE TES	1;	YES	BATCH#: ACETONE	201908B LOT#: <u>JM</u> 2		THERM#:		
INVALID SAMPLE:		YES						
REFERENCE BARON	TETER S/N:	4100060	J					
COMMENTS:								
AS FOUND ESS RES	ULT:	IR:		EC:				
<b>A YTAAA</b> AA AA BA					フィ	14 m	7/29	/21
AXTMAN/JOHN Technician Name		Signatur	e			/ //ime/Da	te Procedure	Complete

07/06/2023

ALCOTEST 9510 SERIAL NUMBER AREH-0024 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.8 DATE OF LAST QAP: 07/29/2021

Analysis Date: 07/30/2021

Observation Period Began: 10:00 Citation/Case Number: 123ABC Operator Name: AXTMAN/ JOHN/ G

Subject Name: ROBINSON/ TEST/ RECORD

Subject Date of Birth: 07/21/2000 External Standard Lot: 1428765

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	10:36		,
Internal Standard VI	ERIFIED	10:36		
Subject Sample 1			2.1	7.0
IR Result	0.000	10:37		
EC Result	0.000	10:37		
Blank Test	0.000	10:38		
External Standard IR	0.079	10:39		
External Standard EC	0.076	10:39		
Blank Test	0.000	10:41		
Subject Sample 2			2.3	6.9
IR Result	0.000	10:41		
EC Result	0.000	10:41		
Blank Test	0.000	10:42		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

Printed Name

JOL, AKTMAN

Date 7/30/21 Location: City/State Spours, WA

ALCOTEST 9510 SERIAL NUMBER AREH-0024 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.8 DATE OF LAST QAP: 07/29/2021

Analysis Date: 07/30/2021

Observation Period Began: 10:15 Citation/Case Number: 123ABC Operator Name: AXTMAN/ JOHN/ G Subject Name: SAMPLE/ BRENDA/ L Subject Date of Birth: 09/08/1970 External Standard Lot: 1428765

<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
0.000	10:51		
VERIFIED	10:51		
		FF FF FF 60 200 FF	ser and him him day him
क्य प्य प्रिस्थ का का क	10:54		
para they lead that they bette	10:54		
and not also had beyond			
R			
EC			
have time have state time.	:		
			was duly had held held
स्था कर होने कर दर्भ राज	year was a second or		
বাজা কৰে কৰে কৰে কৰে কৰ	w 10 ° 10 100		
My test and May the ter-	:		
	g/210L 0,000 VERIFIED	g/210L hh:mm  0.000 10:51  VERIFIED 10:51  10:54  10:54   R  EC  *******************************	g/210L hh:mm liters  0.000 10:51  VERIFIED 10:51  10:54  10:54   R  EC  *******************************

#### Test Result: TEST INCOMPLETE

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

Officer Signature

Printed Name

Date 7/30/2 Location: City/State

Spougaro, Washington that the foregoing is true and correct.

Spougaro, Washington that the foregoing is true and correct.

ALCOTEST 9510 SERIAL NUMBER AREH-0024 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.8 DATE OF LAST QAP: 07/29/2021

Analysis Date: 07/30/2021

Observation Period Began: 10:30 Citation/Case Number: 123WSP Operator Name: AXTMAN/ JOHN/ G Subject Name: SAMPLE/ MALE/ NONE

Subject Date of Birth: 01/01/1980 External Standard Lot: 1428765

Breath Analysis	Result g/210L	Time hh:mm	Volume liters	Blowtime seconds
Blank Test	0.000	11:07		
Internal Standard	45 E140	11:07		
Subject Sample 1				an an an an an
IR Result	100 Pel 821 821 831	000 100 E FFE CAS		
EC Result	<b>2014</b> , 15√1 15√2 (at 2 de 2 de 2 de 2	9 575 MG		
Blank Test	WE FO ON PE \$7 TO	Make daring a street daring.		
External Standard IR	WY VIE CO ACI 97 EW	MA TOO ME WELL		
External Standard EC	ME AND DES DES SET AND	man ham a dank appr		
Blank Test	A) TO SO BE SO PE			
Subject Sample 2				yes any mee said able than
IR Result	중 중 중 한 지구			
EC Result	20 59 50 E4 TA 20	24 FM FM FM FM		
Blank Test	GRE TO STEE STEEL AND ATTA	was area <sup>©</sup> now that		

Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

Printed Name - 20/6/ AV.742 A L

Date 7/30/21 Location: City/State Spokens, WA

#### **Washington State Patrol External Standard Change**

Test Date:

07/30/2021

Sequential Test #:

1029

Location:

WASHINGTON

**Breath Test Instrument Information** 

Model

Serial Number

QAP Date

Alcotest 9510

AREH-0024

07/29/2021

**Drygas Cylinder External Standard Information** 

Lot Number 1391343

Concentration 0.080

Expiration 10/12/2023 CAL GAS INLET 1

Inlet

External Standard Test Details		
Function	Result	Time
	g/210L	<u>HH:MM</u>
Blank Test	0.000	11:17
External Standard IR	0.078	11:17
External Standard EC	0.076	11:17
Blank Test	0.000	11:18
External Standard IR	0.078	11:18
External Standard EC	0.077	11:18
Blank Test	0.000	11:20
External Standard IR	0.078	11:20
External Standard EC	0.077	11:20
Blank Test	0.000	11:21

External Standard Change Results: CYLINDER INSTALLATION SUCCESSFUL

**Operator Information** 

Operator: JOHN AXTMAN

Signature:

Sig. Date:

07/30/2021

#### Washington State Patrol Supervisor Test

Sequential Test #: 1030 Test Date: 07/30/2021 11:24 **Breath Test Instrument Information** Alcotest 9510 Serial Number: AREH-0024 Model

#### **External Standard Test Details**

Function	Result	Time
	g/210L	HH:MM
Diagnostic	OK	11:24
Blank Test	0.000	11:24
External Standard IR	0.079	11:24
External Standard EC	0.075	11:24
Blank Test	0.000	11:25
Diagnostic	OK	11:26

Operator: JOHN AXTMON Sig. Date: 2/30/2/

TEST INLET | INLOT 2 ACTIVE

#### Washington State Patrol Supervisor Test

Sequential Test #: Test Date: 07/30/2021 11:28 1031 **Breath Test Instrument Information** Model Alcotest 9510 Serial Number: AREH-0024 **External Standard Test Details** Result Time Function g/210L HH:MM ŌK 11:28 Diagnostic Blank Test 0.000 11:28 External Standard IR 0.074 11:28 External Standard EC 0.071 11:28 0.000 Blank Test 11:29 Diagnostic OK 11:29 Operator: 07/30/21 Sig. Date: Signature: TEST INLET 2 INLOT | ACTIVE

# ARJN-0047 Forensic Scientist Ruth Cramer Version 5.12, 1.0, 2.8

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WINCE: 8322797 VERSION 5.12
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.8

#### **Software Verification Documentation**

Technician: Ruth Cramer

Instrument Serial Number: ARIN -0047

Date Testing Performed: Click or tap to enter a date. 8-9-2021 8-10-2021

QAP 8-2-2021

Draeger Alcotest 9510 Version info

Date: 09.08.2021 Time: 09:58

Serial: ARJN-0047

M16 Ver: 1.0/8322798 M16 Checksum: 0xF39C BTL Ver: 1.5/8323536

WinCE Ver: 5.12/8322797 WinCE Checksum: 0xEFEC WinCE ImageVer: 1.8

Cfg Ver: 2.8/8322796 AP Ver: 2.8/8322796A NAP Ver: 2.8/8322796NA AP/NAP CRC: 0x3236/0x745C

Drink. location: 0x6AAA Lifecounter: 32546

Config files:
RecordData\_091
InternalPrinterCfg\_026
TextsInternalPrt\_039
FontsInternalPrt\_001
Parameter\_039
MeasProc\_130
WinCeCfg\_052
ExternalPrtCfg\_106
Texts1ExternalPrt\_066
AccessRights\_029

Subversion:

Maner 3-9-201

WINCE: 8322797 VERSION 5.12

M16: 8322798 VERSION 1.0

CONFIG: 8322796 VERSION 2.8

0	bserva	tion	times
v	DSELVA	HOH	umes

Draeger Displayed Time	Entered Time	Result
10:11	10:11	Timer started at 16:00
10:12	07:12	Test continued
10:18	10:19	"Observation Start Time " contains an
10:19	10:04	Timer started at 1:00
13:48	13:45	Timer started at 13:00

Comments Times matched entry/summary screen when

Data entry Instrument reacted as intended Comments Type of data (yes/no) □ No X Yes Operator Observed Subject Entire Time X Yes □ No Summary Screen Yes □ No Subject Smoke, Vomit, Put Anything in Mouth Yes Yes □ No Citation/Case Number ✓ Yes □ No County of Arrest Yes □ No Collision Involved ■ Yes Subject drinking at specific drinking establishment □ No Yes □ No PBT Given Yes □ No Summary Screen Yes □ No Scan Operator Card Yes Yes □ No Summary Screen Yes. □ No Subject Ethnic Group Yes Yes □ No Subject Driver License State X Yes Washington, Oregon, Idaho Licenses □ No Asked to scan NY, ND, T Yes Yes □ No Other Licenses & manual entry Yes □ No Gender "X" Yes □ No Summary Breath Test Yes □ No Yes Yes □ No Printed Document Comments

Idaho license > Female entered as first name, first name on card

WINCE: 8322797 VERSION 5.12
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.8

Type of scenario	Instrumen intended (	t reacted as
Not meeting sampling parameter, then continue	Yes	□ No
Meeting sampling parameters	ĭ Yes	□ No
Allow two minutes to pass – Verify "Refusal" & "Incomplete" are displayed/Printout	Yes	□ No
Press "Stop" - verify "Refusal," "Incomplete," & "Continue" are displayed/Printout	DKYes	□ No
Comments		
Supervisor Test		
Type of scenario	Instrument intended (	t reacted as (ves/no)
Active Cylinder 1; Cylinder set to 2 during Supervisor Test	Yes	□ No
Active Cylinder 2; Cylinder set to 1 during Supervisor Test	Yes	□ No
Reprint function		
Type of scenario	Instrumer intended (	nt reacted as (yes/no)
Verify information is displayed on the "Reprint screen" after selecting a record to be reprinted. Reprint selected document.	Yes	□ No
Verify identified items ARE listed as reprint options	Yes	□ No
	ĭX.Yes	□ No
Verify identified items are NOT listed as reprint options  Comments	1 D	
	e + Br	□No
Comments  CAP Linearity, Mouth Alcohol, Interference  are listed as reprint option  Polling Data  Verify polling data reflects information from breath test (gender selection, license information, etc).  Comments  Daylight Saving Time Change	□ Yes	□No
Comments  QAP Linearity, Mouth Alcohol, Interference are listed as reprint options  Polling Data  Verify polling data reflects information from breath test (gender selection, license information, etc).  Comments  Daylight Saving Time Change  Type of scenario	☐ Yes  Instrumer intended	□ No  Intreacted as (yes/no)
Comments  CAP Linearity, Mouth Alcohol, Interference  are listed as reprint option  Polling Data  Verify polling data reflects information from breath test (gender selection, license information, etc).  Comments  Daylight Saving Time Change	☐ Yes	□ No

Other comments: Signature/Date/Location on breath Test document seems Cramped

BAC Technician Software Validation Documentation

Page 3 of 3

### DRAEGER ALCOTEST 9510 CALIBRATION/ADJUSTMENT RECORD

SERIAL NUMBER:	ARJN-0047		340-4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1					
SOFTWARE VER.:	8322798 1.0	)						
CONFIG. VER.:	8322796 2.8	3						
TECHNICIAN:	RUTH CRAI	MER						
TIME/DATE BEGAN:	13:26 08/02	/2021						
CALIBRATION ADJUS	STMENT PEF	RFORMED:	YE	S				
BATCH#	202103C	RI	EF VALUE: 0	0.0802	SIM#: DR4	759	THERM#: [	DR4759
				ION PROCE				
			Resi	ults Units g/2	210L			
Simulator #	DR	4469		R4470		R4471		R4479
Sim Thermometer #		4469		34470		R4471		R4479
QAP Batch #		2003A 405		2007A 0806		2010F 1514	***************************************	2010C 2022
Reference Value Sim Temp 34.0°C ±	0.0	400	0.0	0000	<u> </u>	1014		
0.2°C Before?	YE		YE		YE		YE	
	IR	EC	IR	EC	IR 0.454	EC	<b>IR</b> 0.202	<b>EC</b> 0.194
1 2		<u>0.038</u> 0.039	<u>0.079</u> 0.079	0.078 0.079	<u>0.151</u> 0.152	<u>0.148</u> 0.148	0.202	0.194
3		0.039	0.079	0.079	0.151	0.149	0.201	0.195
4		0.039	0.079	0.078	0.151	0.149	0.200	0.194
5. 7. 04.000		0.039	0.079	0.079	0.150	0.148	0.201	0.195
Sim Temp 34.0°C ± 0.2°C After?	YE	S	YE	-S	YE	ES .	YE	ES
	n <u>0.0388</u>	0.0388	0.0790	0.0786	0.1510	0.1484	0.2010	0.1946
SE		0.0004	0.0000	0.0005	0.0007	0.0005	0.0007	0.0005
Bias 9		<u>-4.20</u>	<u>-1.99</u>	<u>-2.48</u>	<u>-0.26</u>	<u>-1.98</u> 0.34	0.59 0.35	3.76 0.26
CV 9	6 1.03	1.03	0.00	0.64	0.46	0.34	0.33	0.20
COMPLETE BREATH	I TEST:	YES	FSS LOT#	: 1171 <u>207</u>		EXP DATE	E: 07/10/20:	22
		Po-21-En-control						
INTERFERENCE TES	ST:	YES			20190625		DR3069 DR3069	
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	- Linkson				
INVALID SAMPLE:		YES						
REFERENCE BARON	METER S/N:	4100048	SY					
COMMENTS:								
		()	/4	- N	1/A		5 8-	
AS FOUND ESS RES	GULT:			EC: IV	<del>//,</del>			
		Alle		1 1110 -		144	5 8-	2-202
RUTH CRAMER Technician Name		Signatur	re			Time/Da	te Procedure	Completed

07/06/2023

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Draeger Alcotest 9510 Version info

Date: 02.08.2021 Time: 13:18

Serial: ARJN-0047

M16 Ver:1.0/8322798 M16 Checksum:0xF39C BTL Ver:1.5/8323536

WinCE Ver:5.12/8322797 WinCE Checksum:0xEFEC WinCE ImageVer:1.8

Cfg Ver: 2.8/8322796 AP Ver: 2.8/8322796A NAP Ver: 2.8/8322796NA AP/NAP CRC: 0x3236/0x745C

Drink. location: 0x6AAA Lifecounter: 32382

Config files:
RecordData\_091
InternalPrinterCfg\_026
TextsInternalPrt\_039
FontsInternalPrt\_001
Parameter\_039
MeasProc\_130
WinCeCfg\_052
ExternalPrtCfg\_106
Texts1ExternalPrt\_066
AccessRights\_029

Subversion: WA

Neumer 2021



ALCOTEST 9510 SERIAL NUMBER ARJN-0047 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.8 DATE OF LAST QAP: 08/09/2021

Analysis Date: 08/09/2021

Observation Period Began: 00:00 Citation/Case Number: TEST

Operator Name: CRAMER/ RUTH/ A

Subject Name: MARTINO/ JULIANE/ NONE Subject Date of Birth: 05/14/1979

External Standard Lot: 1173080

Breath Analysis	Result g/210L	Time hh:mm	Volume liters	Blowtime seconds
Blank Test	0.000	15:08		
Internal Standard VE	RIFIED	15:09		
Subject Sample 1			1.8	6.4
IR Result	0.000	15:10		
EC Result	0.000	15:10		
Blank Test	0.000	15:11		
External Standard IR	0.079	15:12		
External Standard EC	0.078	15:12		
Blank Test	0.000	15:13		
Subject Sample 2			1.8	5.9
IR Result	0.000	15:13		
EC Result	0.000	15:13		
Blank Test	0.000	15:14		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature _	
Printed Name	
Date	Location: City/State

#6a 11

## WASHINGTON STATE PATROL EVIDENTIARY SUBJECT TEST

ALCOTEST 9510 SERIAL NUMBER ARJN-0047 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.8 DATE OF LAST QAP: 08/09/2021

Analysis Date: 08/09/2021

Observation Period Began: 07:12 Citation/Case Number: TEST Operator Name: CRAMER/ RUTH/ A Subject Name: TEST/ TEST/ TEST

Subject Name: TEST/ TEST/ TES Subject Date of Birth: 01/01/1950 External Standard Lot: 1173080

Breath Analysis	Result g/210L	Time hh:mm	Volume liters	Blowtime seconds
Blank Test		10:14		
Internal Standard	454	en:en		
Subject Sample 1				
IR Result	-	:		
EC Result		:		
Blank Test		:		
External Standard IR		:		
External Standard EC	تصيب			
Blank Test				
Subject Sample 2				1000
IR Result		;		
EC Result	-	:		
Blank Test		:		

#### Test Result: TEST INCOMPLETE

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature	
Printed Name	
Date	Location: City/State

07/06/2023 Page 59 of 449



ALCOTEST 9510 SERIAL NUMBER ARJN-0047 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.8 DATE OF LAST QAP: 08/09/2021

Analysis Date: 08/10/2021

Observation Period Began: 00:00 Citation/Case Number: TEST

Operator Name: CRAMER/ RUTH/ A Subject Name: TEST/ TEST/ TEST Subject Date of Birth: 01/01/1950 External Standard Lot: 1173080

Breath Analysis	Result g/210L	Time hh:mm	Volume liters	Blowtime seconds
Blank Test	0.000	06:54		
Internal Standard VE	RIFIED	06:55		
Subject Sample 1				******
IR Result	***	06:57		
EC Result	-	06:57		
Blank Test				
External Standard IR	تخففتن	:		
External Standard EC		:		
Blank Test		:		
Subject Sample 2				
IR Result	200 MILES ON PO NO	:		
EC Result		1		
Blank Test		:		

#### Test Result: TEST INCOMPLETE

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Printed Name \_\_\_\_\_\_

Date Location: City/State

#8

## WASHINGTON STATE PATROL EVIDENTIARY SUBJECT TEST

ALCOTEST 9510 SERIAL NUMBER ARJN-0047 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.8 DATE OF LAST QAP: 08/09/2021

Analysis Date: 08/10/2021

Observation Period Began: 00:00 Citation/Case Number: TEST

Operator Name: CRAMER/ RUTH/ A Subject Name: TEST/ TEST/ TEST Subject Date of Birth: 01/01/1950 External Standard Lot: 1173080

Breath Analysis	Result g/210L	Time hh:mm	Volume liters	Blowtime seconds
Blank Test		06:58		
Internal Standard		:		
Subject Sample 1				
IR Result	****	7777		
EC Result	240 NO 260 NO 400 NO	:		
Blank Test	بالمولوث	:		
External Standard IR		3		
External Standard EC		:		
Blank Test		:		
Subject Sample 2				
IR Result		:		
EC Result		:		
Blank Test		:		

#### Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature _	
Printed Name	
Date	Location: City/State

#9

#### Washington State Patrol Supervisor Test

Test Date:	08/10/2021 07:01	Sequential Test	#: 1111
Breath Test	Instrument Information		
Model	Alcotest 9510	Serial Number:	ARJN-0047
External Sta	andard Test Details		
	Function Diagnostic Test failed, Status Diagnostic	<u>g/210L</u> OK 3	Time <u>HH:MM</u> 07:01 07:02
Operator: _			
Signature: _			Sig. Date:
Cylin	der # 2 activ	e, set t	to Check Cylinder#.
Test	worked come	elly- Il	ue was
40	cylinder # 1,	so test	"Failed."

#9

#### Washington State Patrol Supervisor Test

Breath Test	Instrument Information		
Model	Alcotest 9510	Serial Number	: <u>ARJN-0047</u>
External Sta	ndard Test Details		
	Function  Diagnostic Blank Test External Standard IR External Standard EC Blank Test Diagnostic	Result g/210L OK 0.000 0.082 0.082 0.000 OK	Time HH:MM 07:05 07:05 07:06 07:06 07:06 07:07
Operator: _ Signature: _	active, tested		Sig. Date:

07/06/2023

\*q

#### Washington State Patrol Supervisor Test

Test Date:	est Date: 08/10/2021 07:08 S		est#:	1113
Breath Test	Instrument Information			
Model	Alcotest 9510	Serial Number:		ARJN-0047
External Sta	ndard Test Details			
	Function  Diagnostic  Blank Test  External Standard IR  External Standard EC  Blank Test  Diagnostic		Time HH:M 07:08 07:08 07:09 07:09 07:10	1 <u>M</u> 3 3 9 9
Operator: _			Vario II	
Signature: _			Sig. D	ate:

#1 active, tested #2



ALCOTEST 9510 SERIAL NUMBER ARJN-0047 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.8 DATE OF LAST QAP: 08/09/2021

Analysis Date: 08/10/2021

Observation Period Began: **00:00**Citation/Case Number: **TEST** 

Operator Name: CRAMER/ RUTH/ A Subject Name: TEST/ TEST/ TEST Subject Date of Birth: 01/01/1950 External Standard Lot: 1173080

Breath Analysis	Result g/210L	Time hh:mm	Volume liters	Blowtime seconds
Blank Test	0.000	06:54		
Internal Standard VE	RIFIED	06:55		
Subject Sample 1				
IR Result		06:57		
EC Result	(0.00 00 00 00 00 00	06:57		
Blank Test				
External Standard IR				
External Standard EC		:		
Blank Test		:		
Subject Sample 2				******
IR Result	*************			
EC Result		:		
Blank Test		:		

#### Test Result: TEST INCOMPLETE

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature _	
Printed Name	
Date	Location: City/State

ALCOTEST 9510 SERIAL NUMBER ARJN-0047 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.8 DATE OF LAST QAP: 08/09/2021

Analysis Date: 09/15/2021

Observation Period Began: **00:00** Citation/Case Number: **TEST** 

Operator Name: CRAMER/ RUTH/ A Subject Name: SAMPLE/ FEMALE/ NONE

Subject Date of Birth: 01/01/1980 External Standard Lot: 1173080

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	14:55		
Internal Standard VE	RIFIED	14:56		
Subject Sample 1			1.9	6.5
IR Result	0.000	14:57		
EC Result	0.000	14:57		
Blank Test	0.000	14:58		
External Standard IR	0.079	14:58		
External Standard EC	0.080	14:58		
Blank Test	0.000	15:00		
Subject Sample 2			1.9	6.0
IR Result	0.000	15:01		
EC Result	0.000	15:01		
Blank Test	0.000	15:01		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

**Printed Name** 

- / 万 − 2 \ Location: City/State

07/06/2023 Page 66 of 449

ALCOTEST 9510 SERIAL NUMBER ARJN-0047 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.8 DATE OF LAST QAP: 08/09/2021

Analysis Date: 09/15/2021

Observation Period Began: **00:00**Citation/Case Number: **TEST2**Operator Name: **CRAMER/ RUTH/ A** 

Subject Name: WASHINGTON/ EDL/ WSPTESTREC

Subject Date of Birth: 08/08/1988 External Standard Lot: 1173080

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	15:04		
Internal Standard	VERIFIED	15:04		
Subject Sample 1				
IR Result	25 sta tes are ser ser	15:05		
EC Result	E 25 E S S S S	15:05		
Blank Test	the new half and two pris	;		
External Standard	IR	:		
External Standard	EC	:		
Blank Test		an an <sup>3</sup> m. m		
Subject Sample 2				
IR Result	57 Jan 52 St 52 St			
EC Result	<b>10 10 10 10 10</b> 10	:		
Blank Test				

#### Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature <u>Kerth Cramer</u>

Printed Name <u>Ruth Ctamer</u>

Date <u>9-15-21</u> Location: City/State <u>Hurston Cnty</u>

Tumwaley WA

## ARKA-0043 Trooper Mike Qunell Version 5.12, 1.0, 2.8

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• WINCE: 8322797 VERSION 5.12 • M16: 8322798 VERSION 1.0 • CONFIG: 8322796 VERSION 2.8

#### **Software Verification Documentation**

Technician: Michael Qunell

**Instrument Serial Number:** ARKA-0043

Date Testing Performed: 7/28/2021

Draeger Alcotest 9510

Version info

Date: 28.07.2021 Time: 06:09

Serial: ARKA-0043

M16 Ver: 1.0/8322798 M16 Checksum: 0xF39C BTL Ver: 1.5/8323536

WinCE Ver: 5.12/8322797 WinCE Checksum: 0xEFEC WinCE ImageVer: 1.8

Cfg Ver: 2.8/8322796 AP Ver: 2.8/8322796A NAP Ver: 2.8/8322796NA AP/NAP CRC: 0x3236/0x745C

Drink. location: 0x6AAA Lifecounter: 7039

Config files: RecordData\_091 InternalPrinterCfg\_026 TextsInternalPrt\_039 FontsInternalPrt\_001 Parameter\_039 MeasProc\_130 WinCeCfg\_052

ExternalPrtCfg\_106
Texts1ExternalPrt\_066 AccessRights\_029

Subversion:

WINCE: 8322797 VERSION 5.12
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.8

#### Observation times

Draeger Displayed Time	Entered Time	Result
09:10	09:10	16:00 TIMER,
09:12	07:00	Test continued
09:15	1/:00	"INVALID TIME " MESSAGE
09:17	09:02	1:00 TIMER
09:19	09:10	7:00 TIMER
09:20	09:00	DISPLAYED TIME 09:00 SUMMARY
Comments		

Data entry

Type of data	Instrument as intended (yes/no)		Comments
Operator Observed Subject Entire Time	<b>∀</b> Yes	□ No	
Summary Screen	<b>∀</b> ¥Yes	□ No	
Subject Smoke, Vomit, Put Anything in Mouth	⊁⊈(Yes	□ No	
Citation/Case Number	ĭ Yes	□ No	
County of Arrest	ĭ⊠(Yes	□ No	
Collision Involved	Y Yes	□ No	
Subject drinking at specific drinking establishment	<b>⊠</b> Yes	□ No	
PBT Given	<b>⊠</b> Yes	□ No	
Summary Screen	y⊈ Yes	□ No	
Scan Operator Card	<b>⊠</b> Yes	□ No	
Summary Screen	√ Yes	□ No	
Subject Ethnic Group	ĭ Yes	□ No	
Subject Driver License State	ĭĭYes	□ No	
Washington, Oregon, Idaho Licenses	Yes	□ No	
Other Licenses & manual entry	⊠ Yes	□ No	
Gender "X"	<b>⊠</b> Yes	□No	
Summary	¥Yes	□ No	
Breath Test	X Yes	□ No	
Printed Document	X Yes	□ No	
Comments			

WINCE: 8322797 VERSION 5.12
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.8

Breath Test Scenarios	I a company and a second	e shinakan ya ka 🕌 ya wana ka kana ka
Type of scenario	Instrumen intended (	t reacted as yes/no)
Not meeting sampling parameter, then continue	Æ Yes	□ No
Meeting sampling parameters	Æ Yes	□ No
Allow two minutes to pass – Verify "Refusal" & "Incomplete" are displayed/Printout	Yes	□ No
Press "Stop" - verify "Refusal," "Incomplete," & "Continue" are displayed/Printout	<b>⊠</b> Yes	□ No
Comments		
Supervisor Test		energy and a specific contraction of the
Type of scenario	Instrumen intended (	t reacted as yes/no)
Active Cylinder 1; Cylinder set to 2 during Supervisor Test	🗷 Yes	□ No
Active Cylinder 2; Cylinder set to 1 during Supervisor Test	<b>⊠</b> Yes	□ No
Comments		
Reprint function		
Type of scenario	Instrument intended (	it reacted as (yes/no)
Verify information is displayed on the "Reprint screen" after selecting a record to be reprinted. Reprint selected document.	⊠Yes	□ No
Verify identified items ARE listed as reprint options	<b>⊠</b> Yes	□No
Verify identified items are NOT listed as reprint options	☐ Yes	⊠No
Comments CAP linearity, mouth alc, interference	ce, + 1	breeth test

 Verify polling data reflects information from breath test (gender selection, license information, etc).
 ✓ Yes
 □ No

 Comments
 □ No

 Daylight Saving Time Change

 Instrument reacted as intended (yes/no)

 Time change on March 14, 2021
 ★ Yes □ No

 Time change on November 7, 2021
 ★ Yes □ No

 Comments
 □ No

Other comments:



ALCOTEST 9510 SERIAL NUMBER ARKA-0043 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.8 DATE OF LAST QAP: 05/20/2021

Analysis Date: 07/28/2021

Observation Period Began: **09:00** Citation/Case Number: **TEST** Operator Name: **TEST/TEST/-**

Subject Name: SAMPLE/ MALE/ NONE

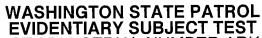
Subject Date of Birth: 01/01/1980 External Standard Lot: 1094498

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	09:52		
Internal Standard VE	RIFIED	09:53		
Subject Sample 1			1.5	6.6
IR Result	0.000	09:54		
EC Result	0.000	09:54		
Blank Test	0.000	09:55		
ternal Standard IR	0.080	09:55		
External Standard EC	0.078	09:55		
Blank Test	0.000	09:57		
Subject Sample 2			1.6	5.6
IR Result	0.000	09:57		
EC Result	0.000	09:57		
Blank Test	0.000	09:58		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature		
Printed Name		
Date	Location: City/State	



#2

ALCOTEST 9510 SERIAL NUMBER ARKA-0043 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.8 DATE OF LAST QAP: 05/20/2021

Analysis Date: 07/28/2021

Observation Period Began: **09:30** Citation/Case Number: **TEST** Operator Name: **TEST/TEST/-**

Subject Name: WASHINGTON/ ID/ WSPTESTREC

Subject Date of Birth: 06/06/1976 External Standard Lot: 1094498

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	10:03		
Internal Standard	VERIFIED	10:04		
Subject Sample 1				
IR Result		10:06		
EC Result		10:06		
Blank Test		:		
ternal Standard	IR	:		
External Standard	EC			
Blank Test		:		
Subject Sample 2			And had bee use out the	
IR Result		:		
EC Result				
Blank Test				

#### Test Result: TEST INCOMPLETE

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature \_\_\_\_\_\_

Printed Name \_\_\_\_\_\_

Location: City/State \_\_\_\_\_\_



ALCOTEST 9510 SERIAL NUMBER ARKA-0043 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.8 DATE OF LAST QAP: 05/20/2021

Analysis Date: 07/28/2021

Observation Period Began: **09:30** Citation/Case Number: **TEST** Operator Name: **TEST/ TEST/ -**

Subject Name: WASHINGTON/ ID/ WSPTESTREC

Subject Date of Birth: 06/06/1976 External Standard Lot: 1094498

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	10:08		
Internal Standard	VERIFIED	10:09		
Subject Sample 1			der had him her day	
IR Result		10:09		
EC Result		10:09		
Blank Test		:		
ternal Standard	IR	:		
External Standard	EC	:		
Blank Test		:		
Subject Sample 2				
IR Result	# E E E E			
EC Result		:		
Blank Test		:		

#### Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature \_\_\_\_\_\_

Printed Name \_\_\_\_\_\_

Location: City/State \_\_\_\_\_\_

## Software version 5.13, 1.0, 2.9

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#### **Software version 5.13, 1.0, 2.9**

#### **Requested modifications:**

- 1. Restrict acceptable observation times to a two-hour window prior to the current time displayed on the instrument.
- 2. Remove reprint selections from the drop-down list which do not generate printed documents.

The revised software package delivered on September 27, 2021 contained the following components:

WinCE: 8322797 version 5.13
M16: 8322798 version 1.0
Config: 8322796 2.9

Four technicians were provided with instructions regarding the installation and testing of the software. Worksheets were provided to record the results.

BAC Technician	Draeger Instrument
Trooper Justin Rumsey	ARAH-0094
Trooper John Axtman	AREH-0023
Forensic Scientist Ruth Cramer	ARJN-0047
Trooper Mike Qunell	ARKC-0022

Supplemental validation was performed by Trooper Qunell, Trooper Rumsey, and Trooper Axtman to further validate how the instrument handles specific data entry for the observation time. Supplemental validation was also performed by Trooper Qunell and Trooper Rumsey specifically to validate instrument functioning when a disabling code is followed by a non-disabling code.

During additional testing of the disabling algorithm, it was noted that the instrument did not put itself out of service when a CAL GAS SUPPLY Status Code 3 was encountered. The software package was therefore rejected. Draeger was notified and revised software was requested.

07/06/2023 Page 76 of 449



Dräger Safety AG & Co. KGaA, Revalstraße 1, 23560 Lübeck

To Whom It May Concern

Unser Zeichen TAS-da

+49 451 882-3527

stephan.david@draeger.com

Feb.15<sup>th</sup>, 2022

Dräger Alcotest 9510 Washington State

#### **STATEMENT**

Due to customer requirements we have implemented the following changes into the Alcotest 9510 used at Washington State Patrol:

- 1. The device accepts both styles of Washington State driver licenses (pre -2017 and "new style" October 2017)
- 2. Modifications of status code handling
- 3. Modification of measurement procedure 6 ('Supervisor Test)
- 4. Remove of "Database type" from drop-down selection list
- 5. Change of internal printout: add a vertical line feed below "Officer signature"
- 6. Correction of Observation Start Time handling
- 7. Update of the Reprint menu option
- 8. Remove reference to 9A.72.085 from printout measurement procedure 1 or 2
- 9. Add option for third gender

For further detail: Please notice the attachment.

The new version of the device is released on Sept. 17th, 2021

Revalstraße 1 Tel. +49 451 882-0 Fax +49 451 882-2080 info@draeger.com www.draeger.com UID-Nr. DE812128834 WEEE-Reg.-Nr. DE13636930

Dräger Safety AG & Co. KGaA Bankverbindungen: Commerzbank AG, Lübeck 23560 Lübeck, Deutschland IBAN DE29 2304 0022 0014 6803 00 Amtsgericht Lübeck HRB 4097 HL BIC COBADEFF230 Deutscha Deutsche Bank AG, Lübeck IBAN DE75 2307 0710 0030 2109 00 Sitz der Gesellschaft: Lübeck BIC DEUTDEHH222

Sitz der Gesellschaft: Lübeck Handelsregister: Komplementär: Dräger Safety Verwaltungs AG Handelsregister: Amtsgericht Lübeck HRB 5036 HL Vorsitzender des Aufsichtsrats der Dräger Safety AG & Co. KGaA und Dräger Safety Verwaltungs AG: Professor Dr. Nikolaus Schweickart

Vorstand: Stefan Dräger (Vorsitzender) Thomas Engler Rainer Klug Gert-Hartwig Lescow Dr. Reiner Piske Anton Schrofner



#### Seite 2 / 2

	Current version	New version Part-#; /Version
WinCE application:	8322797 / V5.11	8322797 / V5.13
Measurement System M16 Firmware	8322798 / V0.9	8322798 / V 1.0
Configuration	8322796 / V2.7	8322796 / V 2.9

The changes in this firmware, configuration and WinCE Application does not affect metrological functions, algorithms or other settings of the updated device. All device specific data will remain in the device.

Yours sincerely

Stephan David

Approval Engineer Alcotest & Drugtest

Research & Development

Attachment:

Washington State Patrol Alcotest 9510 Functionality List

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#### **Washington State Patrol Alcotest 9510 Functionality Modification List**

Delivery for Evaluation: September 17, 2021

WinCE application: Part Number 8322797, Version 5.13
Measurement System (M16) Firmware: Part Number 8322798, Version 1.0
Configuration: Part Number 8322796, Version 2.9

Item	Modification	Status
1.	Support the successful scanning of both pre-2017 and "new-style" October 2017 Washington State driver licenses with corresponding data encoding. The instrument will seamlessly support either style. Parsing functionality shall be designed to support reading Driver Licenses with barcode encoding that comply with the AAMVA DL/ID Card Design Standard from 2020.	Implemented in delivered Software Version
2.	Modification of status code handling. After a status code is generated in measurement procedure 1 (Evidential Breath Test) or 2 (Training Breath Test), status codes generated subsequent to data-logging and prior the conditional disabling algorithm do not prevent the instrument from exposing the original status code to the conditional disabling algorithm.	Implemented in delivered Software Version
3.	Modification to measurement procedure 6 (Supervisor Test). The used Input corresponds now to the "Gas Inlet" section in the native dialog settings screen.	Implemented in delivered Software Version
4.	Removal of all "Database type" from drop-down selection list in Reprint function which do not generate printouts.	Implemented in delivered Software Version
5.	Inserted one extra vertical line feed between "Officer Signature" line and "Location Signed" line on the measurement procedure 1 (Evidential Breath Test) external printout.	Implemented in delivered Software Version
6.	Corrected Observation Start Time handling. For measurement procedure 1 (Evidential Breath Test) and 2 (Training Breath Test) the instrument displays observation countdown timer when the entered observation start time is between 0 and 15 minutes ago from the current instrument time.	Implemented in delivered Software Version
7.	Update of the Reprint menu option. Instead of when a search list is populated and a selection is made with no discernable action from the instrument other than returning to the search list, the instrument will display a feedback screen. The feedback screen contains information including subject last name, subject DOB, operator last name and record number).	Implemented in delivered Software Version
8.	Remove the reference to 9A.72.085 from the printout in measurement procedure 1 (Evidential Breath Test) or 2 (Training Breath Test).	Implemented in delivered Software Version
9.	Added third Gender Option during manual data entry for Subject Gender. This will be reflected as an "X" in the display, data entry, and printing of the Subject Gender. For automatic driver license scanning, the "X" is used as well.	Implemented in delivered Software Version

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## Procedure document Version 5.13, 1.0, 2.9

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WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.9

A QAP will be performed on an instrument loaded with the new software. Verify software versions by using the internal printer and attaching the results on page one of the Software Verification Documentation.

#### **Steps:**

- 1. Complete an "AS FOUND" Test, if applicable
- 2. If applicable, poll the instrument, upload data, and confirm data is not corrupted
- 3. Copy all software files to a Draeger Key (do not delete any files). Your computer must be "Bit Locker Exempt."

Name	Туре	Compressed size	Password p Size		Ratio	Date modified
3322796.wcf	WCF File	1 KB	No	1 KB	45%	9/17/2021 11:33
3322796A	File	4 KB	No	16 KB	74%	9/20/2021 16:22
3322796NA	File	637 KB	No	2,557 KB	76%	9/17/2021 11:33
<b>5.13.e</b> xe	Application	716 KB	No	1,927 KB	63%	9/20/2021 11:05
3322798_1.0_0xF39C.bin.sig	SIG File	129 KB	No	480 KB	74%	6/16/2021 13:36

- 4. Install the software
  - a. Insert USB into the Draeger you have chosen for the validation
    - i. Menu
      - 1. Maintenance
        - a. Update WinCE Application 8322797 version 5.13
        - b. Run
    - ii. Menu
      - 1. Maintenance
        - a. Update Measurement System Firmware 8322798 version 1.0
        - b. Run
    - iii. Menu
      - 1. Maintenance
        - a. Update Configuration Files 8322796 version 2.9
        - b. Run
  - b. If "Load Firmware/" Wrong File" appears, Continue process
  - c. If "Invalid Digital Signature appears
    - i. Maintenance
      - 1. Event Logger
        - a. Remove
          - i. Confirm Warnings
- 5. Perform a complete QAP (following the procedure in the current 2020 Technical Manual up to and including section 3.3.8 QAP Printout).

- WINCE: 8322797 VERSION 5.13
  M16: 8322798 VERSION 1.0
  CONFIG: 8322796 VERSION 2.9
- 6. Perform several breath test sequences, varying entry choices
  - a. Observation time
    - i. When the instrument is "READY" to begin the testing sequence, enter the time displayed on the Draeger clock. The instrument should begin a countdown timer of 16 minutes.
    - ii. When the instrument is "READY" to begin the testing sequence, enter a time more than 120 minutes prior to the time displayed on the Draeger clock, example enter 0800 if the actual time is 2000 hours. The instrument should not continue with the testing sequence.
    - iii. When the instrument is "READY" to begin the testing sequence, enter a time "later than" the time displayed on the Draeger clock, example enter 2000 if the actual time is 0800 hours. The instrument should not continue with the testing sequence.
    - iv. When the instrument is "READY" to begin the testing sequence, enter a time exactly 15 minutes prior to the time displayed on the Draeger clock. The instrument should begin a countdown timer of one minute.
    - v. When the instrument is "READY" to begin the testing sequence, enter a time within 15 minutes prior to the time displayed on the Draeger clock. The instrument should begin a countdown timer of one minute more than the difference between the displayed time and the time entered.
    - vi. Summary Screen verify time displayed matches time entered
  - b. Operator Observed Subject Entire Time Enter No and press Next. The test should be cancelled; complete the observation period correctly and begin again.
  - c. Subject Smoke, Vomit, Put Anything in Mouth Enter Yes and press Next. The test should cancelled; complete the observation period correctly and begin again.
  - d. Citation/Case Number Using a combination of alpha and numeric characters, enter the number and press Next.
  - e. County of Arrest Select the county by pressing the selection box and choosing the correct county and then press Next. Verify all counties are present (see page 4).
  - f. Crime Arrested For Select the offense from the drop-down menu. Verify all choices are present.
  - g. Collision Involved Select Yes or No and then press Next.
  - h. Subject drinking at specific drinking establishment
    - i. Select No verify drop-down menu of other options will appear.
    - ii. Select Yes enter the name and location of the establishment in the fields to run a search.
  - i. PBT Given
    - i. Select No
    - ii. Select Yes enter a PBT time.
  - j. Summary Screen verify information displayed matches information entered
  - k. Scan Operator Card
    - i. Enter No enter information manually
    - ii. Enter Yes, scan card and verify information
  - 1. Summary Screen verify information displayed matches information entered
  - Subject Ethnic Group Select the subject's ethnicity from the drop-down menu. Verify all choices are present.
  - n. Subject Driver License State
    - i. Select Washington, Oregon, Idaho Verify option to scan the license follows
      - 1. Scan Washington, Oregon, and Idaho licenses
    - ii. Select other states Verify the only option is to enter information manually
      - 1. Enter information manually
        - a. Verify Gender will include a third gender option for non-binary displayed as "X."

- WINCE: 8322797 VERSION 5.13
  M16: 8322798 VERSION 1.0
  CONFIG: 8322796 VERSION 2.9
- o. Summary Screen verify information displayed matches information entered, specifically the gender option
- p. Provide a breath test
  - i. Stop prior to sample acceptance, take a breath, then continue
- q. Printout verify the printout accurately reflects data entry, requested spacing and Penalty of Perjury Statement verbiage.
- 7. Set up the instrument for a second breath test
  - a. Allow two minutes to pass Verify "Refusal" and "Incomplete" are displayed.
    - i. Select "Incomplete"
    - ii. Verify an "Incomplete" breath test document is produced
- 8. Set up the instrument for a third breath test
  - a. After all data is entered and breath test sequence has begun, press "Stop" verify "Refusal," "Incomplete," and "Continue" are displayed.
    - i. Select "Refusal"
    - ii. Verify an "Refusal" breath test document is produced
- Identify active cylinder. Set up to run a Supervisor Test and select the non-active cylinder. Run a
  supervisory test to determine the selected cylinder is accessed during the Supervisor Test. Change the
  active cylinder and repeat.
- 10. Reprint function
  - a. Verify information is displayed on the "Reprint screen" after selecting a record to be reprinted. Reprint selected document.
  - b. Verify the following are listed as database reprint options:
    - i. Evidential Subject Test
    - ii. Training Subject Test
    - iii. External Standard Change
    - iv. Supervisor Test
    - v. ABA
    - vi. Special ABA
    - vii. QAP Printout
  - c. Verify the following are not listed as database reprint options:
    - i. Enable/Disable
    - ii. QAP Set Cert
    - iii. QAP calibration
    - iv. QAP Linearity
    - v. QAP Mouth Alcohol
    - vi. QAP Interference
    - vii. QAP Breath Test
- 11. Verify appropriate automatic time adjustments
  - a. Set date and time to March 14, 2021, 0158 hours (you may need to do this more than once). Verify time changes from 0159 hours to 0300 hours.
  - b. Set date and time to November 07, 2021, 0158 hours (you may need to do this more than once). Verify time changes from 0159 hours to 0100 hours.
- 12. Perform a cylinder change.
- 13. Verify polling data reflects entered data (scanned and manual entries; gender selection; etc.).

WINCE: 8322797 VERSION 5.13
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#### **DROP-DOWN LISTS**

COUNTY	OF ARREST
Adams	

Adams
Asotin
Benton
Chelan
Clallam
Clark
Columbia

Cowlitz
Douglas
Ferry
Franklin
Garfield
Grant
Grave Harbo

Grays Harbor

Island
Jefferson
King
Kitsap
Kittitas
Klickitat
Lewis
Lincoln
Mason
Okanogan
Pacific

Pend Oreille Pierce San Juan Skagit Skamania Snohomish

Spokane Stevens Thurston

Wahkiakum Walla Walla

Whatcom

Whitman

Yakima

#### CRIME ARRESTED FOR

DUI

Physical control 0.02 Minor law Commercial drivers lic. Officer self test

Administrative Procedure

Other Assault

Domestic Violence Boating under the Influence Homicide by Watercraft

Assault by Watercraft

#### **DRINKING LOCATION**

Refused

Refuses to give info

Unknown

Banquet/formal party Club-Elks, Moose, etc

Comm non pass Dining establishment Event-sprtng,cncrt,etc.

Other

Pass/comm. conv Private conveyance Private home Public bar/tavern Drinking in Canada Drinking in Idaho Drinking in Oregon Vessel,prvtly owned Vessel,commercial

#### **ETHNIC GROUP**

White Black Asian East Indian

Native American Hispanic Pacific Islander

Other

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.9

#### **Software Verification Documentation**

Technician:

**Instrument Serial Number:** 

**Date Testing Performed:** 

Affix the initialed & dated active software versions printout here.

• WINCE: 8322797 VERSION 5.13 • M16: 8322798 VERSION 1.0 • CONFIG: 8322796 VERSION 2.9

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Draeger Displayed Time	Entered Time	Result
Comments		

	Instrument	reacted	
Type of data	as intended		Comments
71	(yes/no)		
Operator Observed Subject Entire Time	□ Yes	□ No	
Summary Screen	□ Yes	□ No	
Subject Smoke, Vomit, Put Anything in Mouth	☐ Yes	□ No	
Citation/Case Number	□ Yes	□ No	
County of Arrest	☐ Yes	□ No	
Collision Involved	□ Yes	□ No	
Subject drinking at specific drinking establishment	☐ Yes	□ No	
PBT Given	☐ Yes	□ No	
Summary Screen	☐ Yes	□ No	
Scan Operator Card	☐ Yes	□ No	
Summary Screen	☐ Yes	□ No	
Subject Ethnic Group	□Yes	□ No	
Subject Driver License State	□Yes	□ No	
Washington, Oregon, Idaho Licenses	☐ Yes	□ No	
Other Licenses & manual entry	☐ Yes	□ No	
Gender "X"	☐ Yes	□ No	
Summary	☐ Yes	□ No	
Breath Test	☐ Yes	□ No	
Printed Document	□Yes	□ No	
Comments			

**Breath Test Scenarios** 

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.9

Type of scenario	Instrument reacted as intended (yes/no)
Not meeting sampling parameter, then continue	☐ Yes ☐ No
Meeting sampling parameters	☐ Yes ☐ No
Allow two minutes to pass – Verify "Refusal" & "Incomplete" are displayed/Printout	☐ Yes ☐ No
Press "Stop" - verify "Refusal," "Incomplete," & "Continue" are displayed/Printout	☐ Yes ☐ No
Comments	
Supervisor Test	
Type of scenario	Instrument reacted as intended (yes/no)
Active Cylinder 1; Cylinder set to 2 during Supervisor Test/Printout	☐ Yes ☐ No
Active Cylinder 2; Cylinder set to 1 during Supervisor Test/Printout	☐ Yes ☐ No
Comments	
Reprint function	
Type of scenario	Instrument reacted as intended (yes/no)
Verify information is displayed on the "Reprint screen" after selecting a record to be reprinted. Reprint selected document.	□ Yes □ No
Verify identified items ARE listed as reprint options	☐ Yes ☐ No
Verify identified items are NOT listed as reprint options	☐ Yes ☐ No
Comments	
Daylight Saving Time Change	
Type of scenario	Instrument reacted as intended (yes/no)
Time change on March 14, 2021	☐ Yes ☐ No
Time change on November 7, 2021	☐ Yes ☐ No
Comments	
Cylinder Change	
Type of scenario	Instrument reacted as intended (yes/no)
Cylinder Change & Printout	☐ Yes ☐ No
Comments	
Polling Data	
Verify polling data reflects information from breath test (gender selection, license information, etc).	□ Yes □ No
Comments	

Other comments:

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.9

#### **Software Verification Documentation Supplemental**

1. When the instrument is "READY" to begin the testing sequence, enter a time **exactly 119 minutes** prior to the time displayed on the Draeger clock. The instrument should allow the testing sequence to continue.

		begin the testing sequence, enter a time <b>exactly 120 minutes</b> prior to ock. The instrument should allow the testing sequence to continue.
		begin the testing sequence, enter a time <b>exactly 121 minutes</b> prior to ock. The instrument should not continue with the testing sequence.
		Observation times
Draeger Displayed Time	Entered Time	Result
Comments		

BAC Technician Software Validation Documentation

Technician:

**Instrument Serial Number:** 

Perform at least three breath test sequences, varying observation times:

**Date Testing Performed:** 

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.9

#### **Software Verification Documentation Supplemental #2**

#### Technician:

#### **Instrument Serial Number:**

(current software/ WinCE 8322797 version 5.11, M16 8322798 version 0.9, Config 8322796 version 2.7):

#### **Instrument Serial Number:**

(new software/ WinCE 8322797 version 5.13, M16 8322798 version 1.0, Config 8322796 version 2.9):

#### **Date(s) Testing Performed:**

On each instrument, connect a dry gas canister to the instrument with a concentration outside of the external standard range (0.072 to 0.088 inclusive).

#### In Evidential mode, perform the following:

- 1. When the instrument is ready, provide an adequate first breath sample.
- 2. Wait for the CAL. STANDARD FAILED status message to appear.
- 3. Let the instrument continue or touch "Continue"
- 4. Record the results

#### Restart the sequence

- 5. When the instrument is ready, provide an adequate first breath sample.
- 6. Wait for the CAL. STANDARD FAILED status message to appear.
- 7. Create another non-disabling status code
  - a. BLOWING NOT ALLOWED
  - b. INHALATION DETECTED
  - c. CHECK AIRWAY
- 8. Record the results

#### In **Training mode**, perform the following:

- 1. When the instrument is ready, provide an adequate first breath sample.
- 2. Wait for the CAL. STANDARD FAILED status message to appear.
- 3. Let the instrument continue or touch "Continue"
- 4. Place the instrument back into Evidential Mode
- 5. Record the results

#### Restart the sequence

- 6. When the instrument is ready, provide an adequate first breath sample.
- 7. Wait for the CAL. STANDARD FAILED status message to appear.
- 8. Create another non-disabling status code
  - a. BLOWING NOT ALLOWED
  - b. INHALATION DETECTED
  - c. CHECK AIRWAY
- 9. Place the instrument back into Evidential Mode
- 10. Record the results

BAC Technician Software Validation Documentation

Supplemental #2

• WINCE: 8322797 VERSION 5.13 • M16: 8322798 VERSION 1.0 • CONFIG: 8322796 VERSION 2.9

#### **Expected Results**

#### **Evidential Mode:**

#### **Current Software:**

- When allowed to continue following a "CAL STANDARD FAILED" or "CAL GAS SUPPLY" message, the instrument places itself out of service.
- When a second status message is generated ("BLOWING NOT ALLOWED," "INHALATION DETECTED," "CHECK AIRWAY") after the "CAL. STANDARD FAILED" status code, the instrument does not place itself out of service.

#### New Software:

- When allowed to continue following a "CAL STANDARD FAILED" or "CAL GAS SUPPLY" message, the instrument places itself out of service.
- When a second status message is generated ("BLOWING NOT ALLOWED," "INHALATION DETECTED," "CHECK AIRWAY") after the "CAL. STANDARD FAILED" status code, the instrument does place itself out of service.

#### **Training Mode:**

#### **Current Software:**

- When allowed to continue subsequent to a "CAL. STANDARD FAILED" or "CAL GAS SUPPLY" message, the instrument remains in service while in Training Mode. When the instrument is placed back into Evidential Mode, the instrument does place itself out of service.
- When a second status message was generated ("BLOWING NOT ALLOWED," "INHALATION DETECTED," "CHECK AIRWAY"), the instrument does not place itself out of service when put back into Evidential Mode.

#### New Software:

- When allowed to continue subsequent to a "CAL STANDARD FAILED" or "CAL GAS SUPPLY" message, the instrument remains in service while in Training Mode but does put itself out of service when placed back into Evidential Mode.
- When a second status message is generated ("BLOWING NOT ALLOWED," "INHALATION DETECTED," "CHECK AIRWAY"), the instrument remains in service while in Training Mode but does put itself out of service when placed back into Evidential Mode.

## **Technician Comments**

BAC Technician Software Validation Documentation

## Technician worksheets Version 5.13, 1.0, 2.9

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# ARAH-0094 Trooper Justin Rumsey Version 5.13, 1.0, 2.9

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WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.9

#### **Software Verification Documentation**

Technician: JUSTIN RUMSEY

Instrument Serial Number: ARAH-0094

Date Testing Performed: 09-28-2021

Draeger Arcotest 9510 Version info Date: 28.09.2021 Time: 08:05 Serial: ARAH-0094 M16 Ver: 1.0/8322798 M16 Checksum: 0xF39C BTL Ver: 1.5/8323536 WinCE Ver: 5.13/8322797 WinCE Checksum: 0x5E94 WinCE ImageVer: 1.8 Cfg Ver: 2.9/8322796 AP Ver: 2.9/8322796A NAP Ver: 2.9/8322796NA AP/NAP CRC: 0x3236/0xDA79 Drink. location: 0x6AAA Lifecounter: 44532 Config files: RecordData\_091 InternalPrinterCfg\_026 TextsInternalPrt\_039 FontsinternalPrt\_001 Parameter\_039 MeasProc\_130
WinCeCfg\_053
ExternalPrtCfg\_106
Texts1ExternalPrt\_066 AccessRights\_029 Subversion: WA

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.9

#### **Observation times**

Draeger Displayed Time	Entered Time	Result
1325	1325	DISPLAYED 16 MEN COUNTDONN
1328	1000	adservation STATE TOPE PS VALSO ISETMEN 1128-1328
13 30	1335	OBSERVATOR START TONE DI VALIOBETMEN 1130-1330
1331	1316	DESPLAYED INEX COUNT DOWN
1332	1325	"PLADE WALT 9 MIN"
1373	1315	SUMMARY SCREED DESILANGED THE TEME EMERIED 1315
Comments ALL ATTECTS	VORISED AS EX	PECTED.
ALSO CHEETED - DEFINAY	0100 , ENTERFO	2330 DENAY 0102 ENTERED 2340 INTERDED

Data entry

Type of data	Instrument reacted as intended (yes/no)		Comments
Operator Observed Subject Entire Time	☑ Yes	□ No	
Summary Screen	☑ Yes	□ No	
Subject Smoke, Vomit, Put Anything in Mouth	☑ Yes	□ No	
Citation/Case Number	☑ Yes	□ No	
County of Arrest	₩ Yes	□ No	·
Collision Involved	☑ Yes	□ No	
Subject drinking at specific drinking establishment	<b>₹</b> Yes	□ No	
PBT Given	M∕ Yes	□ No	
Summary Screen	<b>₹</b> Yes	□ No	
Scan Operator Card		□ No	
Summary Screen		□ No	
Subject Ethnic Group	Æ Yes	□ No	
Subject Driver License State	⊠ Yes	□ No	
Washington, Oregon, Idaho Licenses	☑ Yes	□ No	*
Other Licenses & manual entry	☐ Yes	⊠ No	OHTO-SCAN, OKLAHOM-SCAN
Gender "X"	☑ Yes	□ No	
Summary	☑ Yes	□ No	
Breath Test	☑ Yes	□ No	
Printed Document	☑ Yes	□ No	
Comments CRIME AMERITA FOR: YES			

**Breath Test Scenarios** 

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.9

Type of scenario	Instrument intended (y	
Not meeting sampling parameter, then continue	Yes	© No
Meeting sampling parameters	☑ Yes	□ No
Allow two minutes to pass – Verify "Refusal" & "Incomplete" are displayed/Printout	✓ Yes	□ No
Press "Stop" – verify "Refusal," "Incomplete," & "Continue" are displayed/Printout	Z Yes	□No
Comments		
Supervisor Test		
Type of scenario	Instrument intended (y	
Active Cylinder 1; Cylinder set to 2 during Supervisor Test/Printout	☑ Yes	□ No
Active Cylinder 2; Cylinder set to 1 during Supervisor Test/Printout	☑ Yes	□ No
Comments		
Reprint function		
Type of scenario	Instrument intended (y	
Verify information is displayed on the "Reprint screen" after selecting a record to be reprinted. Reprint selected document.	☑ Yes	□ No
Verify identified items ARE listed as reprint options	Ø Yes	□ No
Verify identified items are NOT listed as reprint options	☑ Yes	□ No
Comments		
Daylight Saving Time Change		
Type of scenario	Instrument intended (y	
Time change on March 14, 2021	☑ Yes	□ No
Time change on November 7, 2021	☑ Yes	□ No
Comments		
Cylinder Change		
Type of scenario	Instrument intended (	reacted as yes/no)
Cylinder Change & Printout	₩ Yes	□ No
Comments		
Polling Data		
	⊠ Yes	□ No

Other comments:

#### DRAEGER ALCOTEST 9510 CALIBRATION/ADJUSTMENT RECORD

**SERIAL NUMBER:** 

ARAH-0094

**SOFTWARE VER.:** 

8322798 1.0

**CONFIG. VER.:** 

8322796 2.9

**TECHNICIAN:** 

JUSTIN RUMSEY

TIME/DATE BEGAN: 08:54 09/28/2021

**CALIBRATION ADJUSTMENT PERFORMED:** 

**BATCH#:** 202007A

**REF VALUE: 0.0806** 

SIM#: DR4522

THERM#: DR4522

#### **CALIBRATION PROCEDURE**

Results Units g/210L

Simulator #	DF	R4487	DF	R4522	DF	R4983	DF	R4489
Sim Thermometer #	DF	R4487	DF	R4522	DF	R4983	DF	R4489
QAP Batch #	20	2003A	20	2103C	20	2103B	20	2010C
Reference Value		)405	0.0	0802	0.	1503	0.2	2022
Sim Temp 34.0°C ±								
0.2°C Before?	YE	S	YE	S	YE	ES	YE	<u> </u>
	IR	EC	IR	EC	IR	EC	IR	EC
1	0.039	0.039	0.079	0.078	0.149	0.146_	0.200	0.195
2	0.039	0.039	0.079	0.079	0.148	0.147	0.200	0.196
3	0.039	0.039	0.079	0.079	0.148	0.147	0.200	0.197
4	0.039	0.039	0.080	0.079	0.149	0.147	0.200	0.197
5	0.039	0.039	0.080	0.079	0.148	0.146	0.200	0.196
Sim Temp 34.0°C ±								
0.2°C After?	YE	S	YE	ES	YE	ES	YE	ES
Mean	0.0390	0.0390	0.0794	0.0788	0.1484	0.1466	0.2000	0.1962
SD	0.0000	0.0000	0.0005	0.0004	0.0005	0.0005	0.0000	0.0008

COMPLETE BREATH TEST:

Bias % -3.70

CV % 0.00

YES

-3.70

0.00

**ESS LOT#:** 1308463

-1.00

0.63

**EXP DATE:** 04/06/2023

-2.46

0.34

-2.97

0.41

-1.09

0.00

**INTERFERENCE TEST:** 

YES

**BATCH#:** 202103C ACETONE LOT#: MS20190909

-1.75

0.51

SIM#: THERM#:

-1.26

0.34

DR4522 DR4522

**INVALID SAMPLE:** 

YES\_

REFERENCE BAROMETER S/N:

410004SU

**COMMENTS:** 

AS FOUND ESS RESULT:

JUSTIN RUMSEY Technician Name

220

09-28-2021 Time/Date Procedure Completed

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ALCOTEST 9510 SERIAL NUMBER ARAH-0094 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.9 DATE OF LAST QAP: 09/28/2021

Analysis Date: 09/28/2021

Observation Period Began: 13:30 Citation/Case Number: 123ABC Operator Name: RUMSEY/ JUSTIN/ P Subject Name: AXTMAN/ JOHN/ -Subject Date of Birth: 09/28/1980 External Standard Lot: 1428765

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	14:06		
Internal Standard VE	RIFIED	14:07		
Subject Sample 1			2.1	7.0
IR Result	0.000	14:07		
EC Result	0.000	14:07		
Blank Test	0.000	14:08		
External Standard IR	0.080	14:09		
External Standard EC	0.078	14:09		
Blank Test	0.000	14:11		
Subject Sample 2			2.1	9.0
IR Result	0.000	14:11		
EC Result	0.000	14:11		
Blank Test	0.000	14:12		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

any foreign substances in their mouth.
I declare under penalty of perjury under the law of Washington that the foregoing is true and correc
Officer Signature
Printed NameRwyri/
Date 19-25-21 Location: City/State YAMEM, VA

ALCOTEST 9510 SERIAL NUMBER ARAH-0094 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.9 DATE OF LAST QAP: 09/28/2021

Analysis Date: 09/28/2021

Observation Period Began: 13:45 Citation/Case Number: 1234A

Operator Name: RUMSEY/ JUSTIN/ -

Subject Name: WASHINGTON/ CDL/ WSPTESTREC

Subject Date of Birth: 05/05/1957 External Standard Lot: 1428765

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	14:17		
Internal Standard VE	ERIFIED	14:17		
Subject Sample 1			142 M 144 44 144	
IR Result		14:20		
EC Result		14:20		
Blank Test				
External Standard IR		:		
External Standard EC		:		
Blank Test		:		
Subject Sample 2				
IR Result		:		
EC Result				
Blank Test				

#### Test Result: TEST INCOMPLETE

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

declare under penalty of perjury under the law of Washington that the foregoing is true and correct.
Officer Signature
Printed NameRWEY
Date <u>09-18-7  </u> Location: City/State <u>XXXX</u> , ~A

ALCOTEST 9510 SERIAL NUMBER ARAH-0094 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.9 DATE OF LAST QAP: 09/28/2021

Analysis Date: 09/28/2021

Observation Period Began: 13:45 Citation/Case Number: 1234A

Operator Name: RUMSEY/ JUSTIN/ -

Subject Name: WASHINGTON/ CDL/ WSPTESTREC

Subject Date of Birth: 05/05/1957 External Standard Lot: 1428765

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	14:21		
Internal Standard	VERIFIED	14:22		
Subject Sample 1				
IR Result		14:22		
EC Result		14:22		
Blank Test		:		
External Standard I	R	:		
External Standard E	EC	:		
Blank Test		:		
Subject Sample 2				gay year mad have body 1444
IR Result		:		
EC Result		!		
Blank Test				

#### Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

, ,	
declare under penalty of perjury under the law of Washington that the foregoing is true and correct.	
Officer Signature	
Printed NameRWSEY	
DateLocation: City/State	

#### Washington State Patrol Supervisor Test

Test Date:	te: 09/28/2021 14:24		Sequential Test #:		857		
Breath Test Instrument Information							
Model	Alcotest 9	510	Serial Number	:	ARAH-0094		
External Stanc	lard Test [	Details					
		Function	Result g/210L	Time HH:MI	<u>M</u>		
		Diagnostic Blank Test	OK 0.000	14:24 14:25			
		External Standard IR External Standard EC	0.080 0.078	14:25 14:25			
		Blank Test Diagnostic	0.000 OK	14:26 14:26			
		Diagnoono	O.V.				
Operator:	JUSTEN	Romiter					
Signature:	99	<u> </u>		Sig. Da	ate: <u>4-28-2/</u>		

#### Washington State Patrol Supervisor Test

Test Date:	e: <u>09/28/2021 14:27</u>		Sequential Test #:		858
Breath Test In	strument l	nformation			
Model	Alcotest 9510		Serial Number:		ARAH-0094
External Stand	dard Test I	Details			
		Function  Diagnostic Blank Test External Standard IR External Standard EC Blank Test Diagnostic	Result g/210L OK 0.000 0.078 0.076 0.000 OK	Time HH:MI 14:27 14:27 14:28 14:28 14:28 14:29	<u>M</u>
Operator:	Juster	Rumber			

19-28-21

Sig. Date:

## Washington State Patrol External Standard Change

Test Date: 09/28/2021 Location: WASHINGTON		_ S	equential T	est#:	859	
Location		•••				
Breath Test In	strument Information Model <u>Alcotest 9510</u>		Number 1-0094	QAP D 09/28/		
Drygas Cylind	ler External Standard Infor Lot Number 1428765		entration	Expira 12/31/		Inlet CAL GAS INLET 1
External Stan	Function  Blank Test External Standa External Standa Blank Test External Standa External Standa External Standa External Standa External Standa Blank Test External Standa External Standa External Standa Blank Test	rd EC rd IR rd EC rd IR	Result <u>g/210L</u> 0.000 0.080 0.078 0.000 0.078 0.000 0.080 0.079 0.000	Time HH:M 14:48 14:48 14:50 14:50 14:52 14:52 14:52	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	
External Stan	dard Change Results: CY	LINDE	R INSTALL	ATION S	SUCCE	ESSFUL
Operator Info Operator: <u>JU</u>	rmation STIN RUMSEY					A A A A A A A A A A A A A A A A A A A
Signature:		h kelles i tekn i i i		Sig. D	ate:	09/28/2021

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.9

#### Software Verification Documentation Supplemental

Technician: Justin Rumsey

Instrument Serial Number: ARAH-0094

Date Testing Performed: 11-09-2021

Perform at least three breath test sequences, varying observation times:

- 1. When the instrument is "READY" to begin the testing sequence, enter a time exactly 119 minutes prior to the time displayed on the Draeger clock. The instrument should allow the testing sequence to continue.
- 2. When the instrument is "READY" to begin the testing sequence, enter a time **exactly 120 minutes** prior to the time displayed on the Draeger clock. The instrument should allow the testing sequence to continue.
- 3. When the instrument is "READY" to begin the testing sequence, enter a time exactly 121 minutes prior to the time displayed on the Draeger clock. The instrument should not continue with the testing sequence.

#### Observation times

Draeger Displayed Time	Entered Time	Result
1304	1105	Allawed THE TEST TO PROCEED
1305	1105	ALLANED THE TEST TO PROCEED
1307	1106	INSTRUMEN DESCRIPTION OF AND 13:07
1324	1308	ALLOWED THE TEST TO PROCEED
1327	1317	INTRUMENT DESIGNATED " PLEASE VAIT" AND HAD A ONE NIMED THERE

Comments

ALL TEXTS VORTIGO AS EXPENTED.

#### **Software Verification Documentation Supplemental #2**

**Technician: Trooper Justin Rumsey** 

**Instrument Serial Number: ARAH-0092** 

(current software/ WinCE 8322797 version 5.11, M16 8322798 version 0.9, Config 8322796 version 2.7):

**Instrument Serial Number: ARAH-0094** 

(new software/ WinCE 8322797 version 5.13, M16 8322798 version 1.0, Config 8322796 version 2.9):

**Date(s) Testing Performed:** 02-28-2022 and 03-10-2022

**On each instrument**, connect a dry gas canister to the instrument with a concentration outside of the external standard range (0.072 to 0.088 inclusive).

#### In **Evidential mode**, perform the following:

- 1. When the instrument is ready, provide an adequate first breath sample.
- 2. Wait for the Cal Standard Fail status message to appear.
- 3. Let the instrument continue
- 4. Record the results

#### Restart the sequence

- 5. When the instrument is ready, provide an adequate first breath sample.
- 6. Wait for the Cal Standard Fail status message to appear.
- 7. Blow into or inhale from the breath hose, or in case of purging block the breath hose
- 8. Record the results

#### In **Training mode**, perform the following:

- 1. When the instrument is ready, provide an adequate first breath sample.
- 2. Wait for the Cal Standard Fail status message to appear.
- 3. Let the instrument continue
- 4. Place the instrument back into Evidential Mode
- 5. Record the results

#### **Restart the sequence**

- 6. When the instrument is ready, provide an adequate first breath sample.
- 7. Wait for the Cal Standard Fail status message to appear.
- 8. Blow into or inhale from the breath hose, or in case of purging block the breath hose
- 9. Place the instrument back into Evidential Mode
- 10. Record the results

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#### **Expected Results**

#### **Evidential Mode:**

#### **Current Software:**

- When allowed to continue following a "Cal Standard Fail" message, the instrument places itself out of service.
- When a second status message is generated ("Blowing Not Allowed," "Inhalation Detected," "Check Airway") after the "Cal Standard Fail" status code, the instrument does not place itself out of service.

#### **New Software:**

- When allowed to continue following a "Cal Standard Fail" message, the instrument places itself out of service.
- When a second status message is generated ("Blowing Not Allowed," "Inhalation Detected," "Check Airway") after the "Cal Standard Fail" status code, the instrument does place itself out of service.

#### **Training Mode:**

#### **Current Software:**

- When allowed to continue subsequent to a "Cal Standard Fail" message, the instrument remains in service while in Training Mode. When the instrument is placed back into Evidential Mode, the instrument <u>does</u> place itself out of service.
- When a second status message was generated ("Blowing Not Allowed," "Inhalation Detected," "Check Airway"), the instrument <u>does not</u> place itself out of service when put back into Evidential Mode.

#### **New Software:**

- When allowed to continue subsequent to a "Cal Standard Fail" message, the instrument remains in service while in Training Mode but does put itself out of service when placed back into Evidential Mode.
- When a second status message is generated ("Blowing Not Allowed," "Inhalation Detected," "Check Airway"), the instrument remains in service while in Training Mode but <u>does</u> put itself out of service when placed back into Evidential Mode.

#### **Technician Comments**

#### Evidential mode:

I tested the new software by connecting a dry gas cylinder that tested outside of the requirements of the .072-.088 inclusive range. After providing the first breath sample the instrument tested the external standard then displayed Cal Standard failed. Then as the instrument was purging I started blowing into the breath hose, the instrument did not print out a breath test ticket and it placed itself out of service. I then followed those same instructions and after the Cal standard failure I covered the breath hose so it could not purge, the instrument did not print out a breath test ticket and it placed itself out of service. The changes to the software for this testing sequence worked as expected.

When I performed those same scenarios with the current software the instrument did not print out a completed breath test ticket, however it also did not place itself out of service.

#### **Training mode:**

Under both testing scenarios (allowing the instrument to continue or and when blocking the breath hose) the instrument with the current software did not place itself out of service while in training mode. Once I switched the instrument from training mode into evidence mode the instrument placed itself out of service upon switching to evidence mode. The instrument with the new software installed functioned the same as the current software when switching between training and evidence mode for both testing scenarios. However, the status message of "Check Airway" did not appear.

When the status message of "Blowing Not Allowed" or "Inhalation Detected" appeared, the instrument with the current software remained in service while in the training mode and also after placing it back into evidential mode.

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For the instrument with the new software, when the status message of "Blowing Not Allowed" or "Inhalation Detected" appeared, the instrument with the current software remained in service while in the training mode but went out of service after placing it back into evidential mode.

All aspects of the new software worked as expected.

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# AREH-0023 Trooper John Axtman Version 5.13, 1.0, 2.9

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WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.9

#### **Software Verification Documentation**

Technician: AXTMAN, JOHN G

Instrument Serial Number: AREH - 0023

Date Testing Performed: (0/07/2)

Draeger Alcotast 9510 Version info Date: 07.10.2021 Time: 13:19 Serial: AREH-0023 M16 Ver: 1.0/8322798 M16 Checksum: 0xF39C BTL Ver: 1.5/8323536 WinCE Ver: 5.13/8322797 WinCE Checksum: 0x5E94 WinCE ImageVer:1.8 Cfg Ver: 2.9/8322796 AP Ver: 2.9/8322796A NAP Ver: 2.9/8322796NA AP/NAP CRC: 0x3236/0xDA79 Drink, location: 0x6AAA Lifecounter: 41284 Config files: RecordData\_091 Internal Printer Cfg\_026 TextsInternalPrt\_039 FontsInternalPrt\_001 MeasProc\_130 WinCeCfg\_053 ExternalPrtCfg\_106 Texts1ExternalPrt\_066 AccessRights\_029 Subversion:

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.9

#### Observation times

Draeger Displayed Time	Entered Time	Result
15:09	15:09	16 MIN COUNT DOWN
15:12	13:12	OBSENVATION STANT TIME IS BETWEEN 13:12 AND 15:12
15:13	15;13	OBSORVATION START TOWN IS BOTHERN 13:13 PMG 15:13"
15:15	15:00	1 MIN COUNT DOWN
15:17	15:12	11 MD CONNTDOWN
15:27	15:13	2 MAN COMNTADIUN

Data entry

Type of data	Instrument as intende (yes/no)		Comments
Operator Observed Subject Entire Time	☑ Yes	□ No	
Summary Screen	☑ Yes	□ No	
Subject Smoke, Vomit, Put Anything in Mouth	ĭ Yes	□ No	
Citation/Case Number	☑ Yes	□ No	
County of Arrest	☑ Yes	□ No	
Collision Involved	☑ Yes	□ No	
Subject drinking at specific drinking establishment	<b>⊠</b> Yes	□ No	
PBT Given	☑ Yes	□ No	
Summary Screen	<b>☑</b> Yes	□ No	
Scan Operator Card	<b>☑</b> Yes	□ No	
Summary Screen	<b>№</b> Yes	□ No	
Subject Ethnic Group	<b>₽</b> Yes	□ No	
Subject Driver License State	₩ Yes	□ No	
Washington, Oregon, Idaho Licenses	<b>⊠</b> Yes	□ No	SELECTED DESCON \$ SCHWHOD TOUTHOUTCOME
Other Licenses & manual entry	☑ Yes	□ No	
Gender "X"	Yes	□ No	
Summary	⊠ Yes	□ No	
Breath Test	☑ Yes	□ No	
Printed Document	Yes	□ No	
Comments			

**Breath Test Scenarios** 

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.9

• Config: 8322796 version 2.9		
Type of scenario	Instrument intended (	t reacted as yes/no)
Not meeting sampling parameter, then continue	<b>₩</b> Yes	□ No
Meeting sampling parameters	Yes Yes	□ No
Allow two minutes to pass - Verify "Refusal" & "Incomplete" are displayed/Printout	<b>⅓</b> Yes	□ No
Press "Stop" - verify "Refusal," "Incomplete," & "Continue" are displayed/Printout	<b>⊠</b> Yes	□ No
Comments		
Supervisor Test		
Type of scenario	intended (	
Active Cylinder 1; Cylinder set to 2 during Supervisor Test/Printout	☐ Yes	□ No
Active Cylinder 2; Cylinder set to 1 during Supervisor Test/Printout	<b>№</b> Yes	□ No
Comments		
Reprint function		
Type of scenario	Instrumen intended (	t reacted as yes/no)
Verify information is displayed on the "Reprint screen" after selecting a record to be reprinted. Reprint selected document.	<b>₽</b> Yes	□ No
Verify identified items ARE listed as reprint options	Y Yes	□ No
Verify identified items are NOT listed as reprint options	Y Yes	□ No
Comments		
Daylight Saving Time Change		
Type of scenario	Instrument intended (	t reacted as (yes/no)
Time change on March 14, 2021	<b>♥</b> Yes	□ No
Time change on November 7, 2021	Yes Yes	□ No
Comments		
Cylinder Change		
Type of scenario	intended (	
Cylinder Change & Printout	1 Yes	□ No
Comments		
Polling Data		
Verify polling data reflects information from breath test (gender selection, license information, etc).	☑ Yes	□ No
Comments		

Other comments:

#### DRAEGER ALCOTEST 9510 CALIBRATION/ADJUSTMENT RECORD

SERIAL NUMBER:	AREH-0023	3						
SOFTWARE VER.:	8322798 1.	0						
CONFIG. VER.:	8322796 2.	9						
TECHNICIAN:	AXTMAN/J	OHN						
TIME/DATE BEGAN:	13:23 10/07	7/2021						
CALIBRATION ADJUS BATCH#:	STMENT PEI : 202007A		YES E <b>F VALUE:</b> <u>0.</u>		<b>SIM#:</b> <u>DR2</u>	513	THERM#: [	DR2513
			<b>CALIBRATI</b> Resu	<b>ON PROCE</b> Its Units g/2				
Simulator #		R4777		1978		R4778		R4544
Sim Thermometer # QAP Batch #		2003A		1978 103C	~~~~	2001A		R4544 2010C
Reference Value		)405	0.08			513		2022
Sim Temp 34.0°C ± 0.2°C Before?	YE	:Q	YES	3	YE	:S	YE	:S
1 2 3 4 5 Sim Temp 34.0°C ± 0.2°C After? Mear SD Bias %	IR	0.039 0.039 0.039 0.039 0.039	IR 0.079 0.079 0.078 0.078 0.079  YES 0.0786 0.0005 -2.00 0.64	0.078 0.079 0.079 0.079 0.079	IR 0.149 0.148 0.148 0.147 0.147  VE 0.1478 0.0008 -2.31 0.54	0.146 0.147 0.146 0.146 0.146 0.146 0.1462 0.0004 -3.37 0.27	IR 0.200 0.199 0.200 0.199 0.199 0.199  YE 0.1994 0.0005 -1.38 0.25	0.195 0.195 0.196 0.195 0.196 0.196 0.1954 0.0005 -3.36 0.26
COMPLETE BREATH	TEST:	YES	ESS LOT#:	1428765		EXP DATI	E: <u>12/31/20</u> 2	23
INTERFERENCE TES	Τ:	YES	BATCH#: _ ACETONE			SIM#: THERM#:	DR2513 DR2513	
INVALID SAMPLE:		YES						
REFERENCE BARON	METER S/N:	4100060	J					
COMMENTS:								
AS FOUND ESS RES	ULT:	IR:		EC:				
AXTMAN/JOHN		18			2	:32 pm	10/7	2/2/
Technician Name		Signatur	е	_		rime/Da	ite Procedure	; completed

07/06/2023

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Test Date: Location:	10/07/2021 WASHINGTON	Se	quential Te	est #: <u>1346</u>	
Breath Test Ir	strument Information Model Alcotest 9510	Serial AREH	Number -0023	QAP Date 10/07/2021	
Drygas Cylind	ler External Standard Inform Lot Number 1171207		ntration	Expiration 07/10/2022	Inlet CAL GAS INLET 1
External Stan	dard Test Details Function  Blank Test External Standar External Standar Blank Test External Standar External Standar External Standar Blank Test External Standar External Standar External Standar External Standar	d EC d IR d EC d IR	Result g/210L 0,000 0.071 0.071	Time HH:MM 14:42 14:42 14:42::::	

External Standard Change Results: CYLINDER INSTALLATION FAILED -- EXT. STANDARD FAILED

**Operator Information** 

Operator: JOHN AXTMAN

Signature:

Sig. Date:

10/07/2021

1ST FAILED GAS CHANGE

Test Date: 10/07/2021 Sequential Test #: 1347 Location: WASHINGTON **Breath Test Instrument Information** Model Serial Number QAP Date Alcotest 9510 AREH-0023 10/07/2021 Drygas Cylinder External Standard Information Lot Number Concentration Expiration Inlet 1171207 0.080 07/10/2022 CAL GAS INLET 1 **External Standard Test Details** Result Time Function g/210L HH:MM **Blank Test** 0.000 14:48 External Standard IR 0.072 14:48 External Standard EC 0.070 14:48 Blank Test -------:--External Standard IR -------:--External Standard EC --:--Blank Test --;--External Standard IR --:--External Standard EC --:--Blank Test --:--

External Standard Change Results: CYLINDER INSTALLATION FAILED -- EXT. STANDARD FAILED

**Operator Information** 

Operator: JOHN AXTMAN

Signature: Sig. Date:

2ND FATLED GAS CHANGE CUSSING DIFF. SOLUTION HEAT TRY)

10/07/2021

Test Date: 10/07/2021 Sequential Test #: 1348 Location: WASHINGTON **Breath Test Instrument Information** Model Serial Number **QAP** Date Alcotest 9510 AREH-0023 10/07/2021 **Drygas Cylinder External Standard Information** Lot Number Concentration Expiration Inlet 12/31/2023 CAL GAS INLET 1 1428765 0.080 **External Standard Test Details** Function Result Time HH:MM g/210L Blank Test 0.000 14:53 0.078 14:53 External Standard IR 14:53 External Standard EC 0.076 Blank Test 0.000 14:54 0.078 14:54 External Standard IR External Standard EC 0.077 14:54 Blank Test 0.000 14:56 External Standard IR 0.079 14:56 External Standard EC 0.078 14:56 Blank Test 0.000 14:56 External Standard Change Results: CYLINDER INSTALLATION SUCCESSFUL **Operator Information** Operator: JOHN AXTMAN Sig. Date: 10/07/2021 Signature:

20 FACTOR 205 COLL

NDN

Test Date: Location:

10/07/2021 WASHINGTON Sequential Test #:

1349

**Breath Test Instrument Information** 

Model

Serial Number

QAP Date

Alcotest 9510

AREH-0023

10/07/2021

**Drygas Cylinder External Standard Information** 

Lot Number 1171207

Concentration 0.080 Expiration

Inlet

07/10/2022 CAL GAS INLET 2

**External Standard Test Details** 

Function	Result	Time
	g/210L	HH:MM
Blank Test	0.000	15:01
External Standard IR	0.076	15:01
External Standard EC	0.074	15:01
Blank Test	0.000	15:03
External Standard IR	0.076	15:03
External Standard EC	0.075	15:03
Blank Test	0.000	15:04
External Standard IR	0.076	15:04
External Standard EC	0.075	15:04
Blank Test	0.000	15:05

External Standard Change Results: CYLINDER INSTALLATION SUCCESSFUL

**Operator Information** 

Operator: JOHN AXTMAN

Sig. Date:

10/07/2021

ALCOTEST 9510 SERIAL NUMBER AREH-0023 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.9 DATE OF LAST QAP: 10/07/2021

Analysis Date: 10/07/2021

Observation Period Began: 15:14 Citation/Case Number: ABC123 Operator Name: AXTMAN/ JOHN/ G Subject Name: SAMPLE/ FEMALE/ NONE

Subject Date of Birth: 01/01/1980 External Standard Lot: 1171207

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	15:46		
Internal Standard V	ERIFIED	15:47		
Subject Sample 1			1.9	6.2
IR Result	0.000	15:47		
EC Result	0.000	15:47		
Blank Test	0.000	15:48		
External Standard IR	0.077	15:49		
External Standard EC	0.076	15:49		
Blank Test	0.000	15:51		
Subject Sample 2			2.0	6.7
IR Result	0.000	15:51		
EC Result	0.000	15:51		
Blank Test	0.000	15:52		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true a	and correct.
---	--------------

Officer Signature

Location: City/State SPOLEAND, WA

ALCOTEST 9510 SERIAL NUMBER AREH-0023 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.9 DATE OF LAST QAP: 10/07/2021

Analysis Date: 10/07/2021

Observation Period Began: 15:30 Citation/Case Number: ABC123 Operator Name: AXTMAN/ JOHN/ G Subject Name: SAMPLE/ MALE/ -Subject Date of Birth: 01/01/1980 External Standard Lot: 1171207

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	16:05		
Internal Standard VE	RIFIED	16:06		
Subject Sample 1			1.9	7.0
IR Result	0.000	16:07		
EC Result	0.000	16:07		
Blank Test	0.000	16:08		
External Standard IR	0.077	16:09		
External Standard EC	0.075	16:09		
Blank Test	0.000	16:10		
Subject Sample 2			2.3	8.3
IR Result	0.000	16:11		
EC Result	0.000	16:11		
Blank Test	0.000	16:12		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

Date 10 10 7/2 / Location: City/State Spours, Up

ALCOTEST 9510 SERIAL NUMBER AREH-0023 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.9 DATE OF LAST QAP: 10/07/2021

Analysis Date: 10/07/2021

Observation Period Began: 16:00
Citation/Case Number: 123ABC
Operator Name: AXTMAN/ JOHN/ G
Subject Name: TWO/ QFLOW/ TEST
Subject Date of Birth: 05/05/1985
External Standard Lot: 1171207

<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
0.000	16:20		
VERIFIED	16:20		
		here has drug have side first	
क्यक काल काल करना रहते	16:23		
<b>经</b> 岳 即 标 市	16:23		
and and hid fire and the	pag per V per 62.		
IR	the root of the state of the st		
EC	,		
man daily gone year year trop	to the tree tree to		
		gap gan man gan jang kun	was due too tool fee
<b>医苯酚 医叶髓 瓜红 红</b> 木	m 11		
<b>क्रिक इंग्ल टिंड 13</b> द इन्हें हं स	ten tris. The Ten		
2015 (2016) Party State (2017) Party (2017)	Val. 201 P. No. 16/2 B		
	g/210L 0.000 VERIFIED	g/210L hh:mm 0.000 16:20 VERIFIED 16:20  16:23 16:23 16:23  IR: EC	g/210L hh:mm liters  0.000 16:20  VERIFIED 16:20  16:23: IR EC

#### Test Result: TEST INCOMPLETE

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

Printed Name JOHN AXTMAN

Date 10/07/2 (Location: City/State Spokers / WD

07/06/2023 Page 118 of 449

ALCOTEST 9510 SERIAL NUMBER AREH-0023 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.9 DATE OF LAST QAP: 10/07/2021

Analysis Date: 10/07/2021

Observation Period Began: 16:10 Citation/Case Number: 21-123456 Operator Name: AXTMAN/ JOHN/ G Subject Name: SAMPLE/ BRENDA/ LYN

Subject Date of Birth: 10/01/2000 External Standard Lot: 1171207

Breath Analysis	Result g/210L	Time hh:mm	Volume liters	<b>Blowtime</b> seconds
Blank Test	glad winn dead MAN 200 for h	16:30		
Internal Standard	en ra ye	on an a		
Subject Sample 1			হত হাত হাত কৰা শো	and pair little flow with with
IR Result	28 to 28 to 26 To	ens tra R entr An St		
EC Result	75 (C) (C) (C)	Trans Mark State State No. 200		
Blank Test	AND AND AND AND THE	par san a		
External Standard IR	DB 007 ND 009 NF 198	Mark that All and their		
External Standard EC	eras ratio const. The serve	NAME AND ADDRESS OF THE PARTY AND ADDRESS OF T		
Blank Test		ent de g		
Subject Sample 2			and that and May 444	AND THE PARK THE PARK
IR Result	त्रिक कर करते होता प्रति । देव	ring pee <sup>22</sup> tur v't 25		
EC Result	164 to 164 to 164.	West and Life and Marketine an		
Blank Test	SA CCC AND ANC EMP. NO	n → <sup>1</sup> n n		

Test Result: SUBJECT REFUSED

During this test. I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

Printed Name

JOHN

AXTIMIAN

Date 10/07/21

Location: City/State

SPOWANO, WA

#### Washington State Patrol Supervisor Test

Test Date:

10/07/2021 16:33

Sequential Test #:

1354

**Breath Test Instrument Information** 

Model

Alcotest 9510

Serial Number:

AREH-0023

#### **External Standard Test Details**

Function	Result	Time
	g/210L	HH:MM
Diagnostic	OK	16:33
Blank Test	0.000	16:33
External Standard IR	0.080	16:33
External Standard EC	0.077	16:33
Blank Test	0.000	16:34
Diagnostic	OK	16:35

Signature:

Sig. Date: 10/07/21

#### **Washington State Patrol** Supervisor Test

Test Date:

10/07/2021 16:36

Sequential Test #:

1355

**Breath Test Instrument Information** 

Model

Alcotest 9510 Serial Number:

AREH-0023

#### **External Standard Test Details**

Function	Result	Time
	g/210L	HH:MM
Diagnostic	OK	16:36
Blank Test	0.000	16:36
External Standard IR	0.077	16:37
External Standard EC	0.075	16:37
Blank Test	0.000	16:37
Diagnostic	OK	16:38

Sig. Date: 60/03/21

REPUBLIT V

WASHINGTON STATE PATROL EVIDENTIARY SUBJECT TEST

ALCOTEST 9510 SERIAL NUMBER AREH-0023 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.9 DATE OF LAST QAP: 10/07/2021

Analysis Date: 10/07/2021

Observation Period Began: 16:10 Citation/Case Number: 21-123456 Operator Name: AXTMAN/ JOHN/ G Subject Name: SAMPLE/ BRENDA/ LYN

Subject Date of Birth: 10/01/2000 External Standard Lot: 1171207

<b>Breath</b> Analysis	Flesult g/2101.	Time hh:mm	Volume liters	Blowtime seconds
Blank Test	die est des 100 km (et	16:30		
Internal Standard	art (00 a a	same control of the c		
Subject Sample 1			Gen 160 FEE 100 MEE 100	way may hape have able to the
IR Result	तत रूप रहेते हम्म १६६ गम	water per did		
EC Result	606 Fe1 to 6 420 str. 124	web att = 20% CH		
Blank Test	and the had also for EGs	m v1 3 M 64		
External Standard IR	rea (45 for 197 195 195	THE -C TO SEC.		
External Standard EC	age and the control of			
Blank Test	ANY CITY BOD THE YEAR CHE	-00° 000 <sup>10</sup> 000 077		
Subject Sample 2			60, 490 KN 607 KD	ma for the LFS SHE PS
IR Result	Such place proof best took faith	con new R err co		
EC Result	<b>海货等股</b> 场份			
Blank Test	ge to ordinate to loa	See All and was		

Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

**Printed Name** 

Date 10/07/21 Location: City/State Spokens WB

07/06/2023

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Re- RASHY

#### Washington State Patrol External Standard Change

Test Date: 10/07/2021 Sequential Test #: 1349
Location: WASHINGTON

**Breath Test Instrument Information** 

Model Serial Number QAP Date Alcotest 9510 AREH-0023 10/07/2021

**Drygas Cylinder External Standard Information** 

Lot Number Concentration Expiration Inlet
1171207 0.080 07/10/2022 CAL GAS INLET 2

**External Standard Test Details** 

Function	Result	Time
	g/210L	HH:MM
Blank Test	0.000	15:01
External Standard IR	0.076	15:01
External Standard EC	0.074	15:01
Blank Test	0.000	15:03
External Standard IR	0.076	15:03
External Standard EC	0.075	15:03
Blank Test	0.000	15:04
External Standard IR	0.076	15:04
External Standard EC	0.075	15:04
Blank Test	0.000	15:05

External Standard Change Results: CYLINDER INSTALLATION SUCCESSFUL

**Operator Information** 

Operator: JOHN AXTMAH

Signature: Sig. Date: 10/07/2021

RE-PROJT

#### Washington State Patrol **Supervisor Test**

Tact	Date:
163	Date.

10/07/2021 16:36

Sequential Test #:

1355

**Breath Test Instrument Information** 

Model

Alcotest 9510

Serial Number:

AREH-0023

#### **External Standard Test Details**

Function	Result	Time
	g/210L	HH:MM
Diagnostic	OK	16:36
Blank Test	0.000	16:36
External Standard IR	0.077	16:37
External Standard EC	0.075	16:37
Blank Test	0.000	16:37
Diagnostic	OK	16:38

Operator: JOHN AKTMPW

Sig. Date: <u>/o/07/2</u>

RE-PAINT

SERIAL NUMBER:

AREH-0023

#### Washington State Patrol Breath Test Program

#### DRAEGER ALCOTEST 9510 CALIBRATION/ADJUSTMENT RECORD

SOFTWARE VER.:	8322798 1.0	)						
CONFIG. VER.:	8322796 2.9		and the second s					
TECHNICIAN:	AXTMAN/JO	OHN						
TIME/DATE BEGAN:	13:23 10/07	/2021						
CALIBRATION ADJUS BATCH#:	STMENT PEF 202007A		YES E <b>F VALUE</b> : <u>0.</u> 0		SIM#: DR2	513	THERM#: [	DR2513
			CALIBRATION Resul	ON PROCE ts Units g/2				
Simulator #	DR	4777	DR4	1978	DF	R4778	DR	4544
Sim Thermometer #		4777		1978		R4778		4544
QAP Batch #		2003A		103C		2001A		2010C
Reference Value Sim Temp 34.0°C ±	0.0	405	0.08	302	U.	1513	<u> </u>	022
0.2°C Before?	YE	<u>s</u>	YES	<u> </u>	YE	<u>S</u>	YE	
	IR	EC	IR	EC	IR	EC	IR	EC
1	0.039	0.039	0.079	0.078	<u>0.149</u> 0.148	<u>0.146</u> 0.147	0.200 0.199	0.195 0.195
2	Andreas and the second	0.039 0.039	0.079 0.078	<u>0.079</u> 0.079	0.148	0.147	0.200	0.196
4	green	0.039	0.078	0.079	0.147	0.146	0.199	0.195
5	0.039	0.039	0.079	0.079	0.147	0.146	0.199	0.196
Sim Temp 34.0°C ±	V:	0	VE	,	YE	-C	YE	: C
0.2°C After?	YE n 0.0390	0.0390	<u>YES</u> 0.0786	0.0788	0.1478	0.1462	0.1994	0.1954
	0.0000	0.0000	0.0005	0.0004	0.0008	0.0004	0.0005	0.0005
Bias %	6 -3.70	-3.70	-2.00	<u>-1.75</u>	-2.31	-3.37	-1.38	-3.36
CV %	6 0.00	0.00	0.64	0.51	0.54	0.27	0.25	0.26
COMPLETE BREATH	TEST:	YES	ESS LOT#:	1428765		EXP DATE	E: <u>12/31/202</u>	23
INTERFERENCE TES	T:	YES	BATCH#: _ ACETONE	202007A LOT#: <u>JM</u>		SIM#: THERM#:	DR2513 DR2513	
INVALID SAMPLE:		YES						
REFERENCE BARON	METER S/N:	4100060	IJ					
COMMENTS:								
AS FOUND ESS RES	ULT:	IR:		EC:				
AXTMAN/JOHN Technician Name	16	Signatur	e		16:4	7 Time/Da	10/07/2 ate Procedure	Completed

07/06/2023

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WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.9

#### **Software Verification Documentation Supplemental**

Technician: Trooper John G. Axtman

Instrument Serial Number: AREH-0023

Date Testing Performed: 11/18/2021

Perform at least three breath test sequences, varying observation times:

- 1. When the instrument is "READY" to begin the testing sequence, enter a time exactly 119 minutes prior to the time displayed on the Draeger clock. The instrument should allow the testing sequence to continue.
- 2. When the instrument is "READY" to begin the testing sequence, enter a time exactly 120 minutes prior to the time displayed on the Draeger clock. The instrument should allow the testing sequence to continue.
- 3. When the instrument is "READY" to begin the testing sequence, enter a time **exactly 121 minutes** prior to the time displayed on the Draeger clock. The instrument should not continue with the testing sequence.

#### Observation times

Draeger Displayed Time	Entered Time	Result
0727	0528	Test allowed.
0728	0528	Test allowed.
0729	0528	Test not allowed. Outside valid observation start time.
Comments		

**BAC Technician Software Validation Documentation** 

95 / 11/18 / 202 | Supplemental

# ARJN-0047 Forensic Scientist Ruth Cramer Version 5.13, 1.0, 2.9

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• WINCE: 8322797 VERSION 5.13 • M16: 8322798 VERSION 1.0 CONFIG: 8322796 VERSION 2.9

#### **Software Verification Documentation**

Technician:

Ruth Cramer

Instrument Serial Number: ARJW-0047

**Date Testing Performed:** 

10-19-2021

Draeger Alcotest 9510 Version info

Date: 19.10.2021 Time: 09:03

Serial: ARJN-0047

M16 Ver: 1.0/8322798 M16 Checksum: 0xF39C BTL Ver: 1.5/8323536

WinCE Ver: 5.13/8322797 WinCE Checksum: 0x5E94 WinCE ImageVer: 1.8

Cfg Ver: 2.9/8322796 AP Ver: 2.9/8322796A NAP Ver: 2.9/8322796NA AP/NAP CRC: 0x3236/0xDA79

Drink. location: 0x6AAA Lifecounter: 33289

Config files: RecordData\_091 InternalPrinterCfg\_026 TextsInternalPrt\_039 FontsinternalPrt\_001 Parameter\_039 MeasProc\_130 WinCeCfg\_053
ExternalPrtCfg\_106
Texts1ExternalPrt\_066 AccessRights\_029

Subversion:

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.9

#### Observation times

Draeger Displayed Time	Entered Time	Result
09:06	09:06	Timer started at 16 minutes
09:07	06:07	Requests time between 7:07 and 9:07
09:10	09:15	Requests time between 07:10 and 9:10
09:12	08:57	One minutetimen
09:14	09:10	12 minute timer
Comments	0 0	
Gari >ver	itied	

Data entry

Type of data .	Instrument reacted as intended (yes/no)	Comments
Operator Observed Subject Entire Time	¥Yes □ No	
Summary Screen	Yes □ No	
Subject Smoke, Vomit, Put Anything in Mouth	¥ Yes □ No	
Citation/Case Number	¥ Yes □ No	
County of Arrest	¥Yes □ No	
Collision Involved	Yes □ No	
Subject drinking at specific drinking establishment	Yes □ No	·
PBT Given	Yes □ No	
Summary Screen	¥Yes □ No	
Scan Operator Card	¥Yes □ No	
Summary Screen	¥Yes □ No	
Subject Ethnic Group	¥Yes □ No	·
Subject Driver License State	☐ Yes ➤ No	Alaska, Arkansas etc + 6 Sca
Washington, Oregon, Idaho Licenses	¥Yes □ No	
Other Licenses & manual entry	Yes □ No	
Gender "X"	¥Yes □ No	
Summary	¥ Yes □ No	
Breath Test	¥ Yes □ No	
Printed Document	Yes 🗆 No	
Expired operator Card	ended te	sT

**Breath Test Scenarios** 

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.9

• CONFIG: 8322796 VERSION 2.9		
Type of scenario	Instrumen intended (	t reacted as yes/no)
Not meeting sampling parameter, then continue	Yes	□ No
Meeting sampling parameters		. □ No
Allow two minutes to pass – Verify "Refusal" & "Incomplete" are displayed/Printout	<b>▼</b> Yes	□ No
Press "Stop" – verify "Refusal," "Incomplete," & "Continue" are displayed/Printout	Yes	□No
Comments		
Supervisor Test		
Type of scenario	Instrumen intended (	t reacted as yes/no)
Active Cylinder 1; Cylinder set to 2 during Supervisor Test/Printout	Yes Yes	□ No
Active Cylinder 2; Cylinder set to 1 during Supervisor Test/Printout	YQYes	□ No
Comments		
Reprint function		
Type of scenario	Instrumen intended (	t reacted as yes/no)
Verify information is displayed on the "Reprint screen" after selecting a record to be reprinted. Reprint selected document.	Yes	□ No
Verify identified items ARE listed as reprint options	Yes	□ No
Verify identified items are NOT listed as reprint options	Yes	□No
Comments		
Daylight Saving Time Change		
Type of scenario	Instrumen intended (	t reacted as (yes/no)
Time change on March 14, 2021	Yes	□No
Time change on November 7, 2021	Yes	□ No
Comments		
Cylinder Change		
Type of scenario	intended (	t reacted as (yes/no)
Cylinder Change & Printout	Yes	□ No
Comments		
Polling Data	10-7	5-21
Verify polling data reflects information from breath test (gender selection, license information, etc).	10-7 Yes	□No
Comments		

Other comments:

### DRAEGER ALCOTEST 9510 CALIBRATION/ADJUSTMENT RECORD

SERIAL NUMBER:	ARJN-0047							
SOFTWARE VER.:	8322798 1.0	)						
CONFIG. VER.:	8322796 2.9	)						
TECHNICIAN:	RUTH CRA	MER						
TIME/DATE BEGAN:	13:18 10/18	/2021						
CALIBRATION ADJUS BATCH#:			<u>YES</u> E <b>F VALUE:</b> <u>0.</u> 0		<b>SIM#</b> : <u>DR4</u>	759	THERM#: <u>D</u>	DR4759
			CALIBRATIO Resul	ON PROCE ts Units g/2				
Simulator #	. DR	4469	DR4			R4471		4479
Sim Thermometer #		4469		1470 103C		2010F		4479 2010C
QAP Batch # Reference Value		2011B 407	0.08			514		022
Sim Temp 34.0°C ±								•
0.2°C Before?	YE	S EC	YES IR	EC	YE	EC	YE IR	EC EC
1	0.039	0.039	0.080	0.079	0.154_	0.150	0.201	0.194
2	0.039	0.039	0.079	0.079	0.152	0.149	0.199	0.193
3	0.039 0.039	<u>0.039</u> 0.039	0.079 0.079	0.079 0.079	<u>0.151</u> 0.150	<u>0.148</u> 0.148	0.199 0.199	0.193 0.192
5	0.039	0.039	0.079	0.078	0.150	0.147	0.199	0.192
Sim Temp 34.0°C ±								
0.2°C After?	YE	<u>S</u> 0.0390	YES 0.0792	0.0788	YE 0.1514	.S 0.1484	YE 0.1994	0.1928
SD	0.0390	0.0000	0.0004	0.0004	0.0017	0.0011	0.0009	0.0008
Bias %		-4.18	-1.25	-1.75	0.00	-1.98	-1.38	-4.65
CV %	0.00	0.00	0.51	0.51	1.12	0.74	0.45	0.41
COMPLETE BREATH	TEST:	YES	ESS LOT#:	1094498		EXP DATE:	03/05/202	22
INTERFERENCE TES	т•	YES	ВАТСН#:	202007A		SIM#:	DR3069	
INTERN ENERGE 120	•		ACETONE			THERM#:_	DR3069	
INVALID SAMPLE:		YES						
REFERENCE BARON	IETER S/N:	4100045	SY .					
COMMENTS:		,						
AS FOUND ESS RES	JLT:	IR: N	/A	EC: N	A			
RUTH CRAMER Technician Name	Ru	Hu	Cam	<u>.                                    </u>		1513 Time/Date	/6-/{ e Procedure	S-ZOZ

07/06/2023

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Draeger Alcotest 9510 Version info

Date: 18.10.2021 Time: 13:15

Serial: ARJN-0047

M16 Ver:1.0/8322798 M16 Checksum:0xF39C BTL Ver:1.5/8323536

WinCE Ver:5.13/8322797 WinCE Checksum:0x5E94 WinCE ImageVer:1.8

Cfg Ver: 2.9/8322796 AP Ver: 2.9/8322796A NAP Ver: 2.9/8322796NA AP/NAP CRC: 0x3236/0xDA79

Drink. location: 0x6AAA Lifecounter: 33269

Config files:
RecordData\_091
InternalPrinterCfg\_026
TextsInternalPrt\_039
FontsInternalPrt\_001
Parameter\_039
MeasProc\_130
WinCeCfg\_053
ExternalPrtCfg\_106
Texts1ExternalPrt\_066
AccessRights\_029

Subversion: WA

Mamer 10-18-2021

ALCOTEST 9510 SERIAL NUMBER ARJN-0047 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.9 DATE OF LAST QAP: 10/18/2021

Analysis Date: 10/19/2021

Observation Period Began: 08:15 Citation/Case Number: JD93444MG Operator Name: CRAMER/ RUTH/ A Subject Name: CRAMER/ RUTH/ A Subject Date of Birth: 01/01/1950 External Standard Lot: 1173080

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	10:09		
Internal Standard VE	RIFIED	10:10		
Subject Sample 1			1.5	5.3
IR Result	0.000	10:10	,	
EC Result	0.000	10:10		: -
Blank Test	0.000	10:11		
External Standard IR	0.078	10:12		
External Standard EC	0.074	10:12		
Blank Test	0.000	10:13		
Subject Sample 2			1.5	6.4
IR Result	0.000	10:14		
EC Result	0.000	10:14		
Blank Test	0.000	10:15		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

Officer Signature

Printed Name

Path Crame

Date 10-19-2021 Location: City/State

Tumwater, WA

07/06/2023 Page 133 of 449

ALCOTEST 9510 SERIAL NUMBER ARJN-0047 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.9 DATE OF LAST QAP: 10/18/2021

Analysis Date: 10/19/2021

Observation Period Began: **09:00**Citation/Case Number: **IFT556HM**Operator Name: **CRAMER/ RUTH/ A** 

Subject Name: ROBINSON/ TEST/ RECORD

Subject Date of Birth: 07/21/2000 External Standard Lot: 1173080

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	10:24		
Internal Standard	VERIFIED	10:25		
Subject Sample 1			that diffe has been are	and had bee bee too
IR Result	55 SE NE CO (FE TEI	10:27		
EC Result	2 15 15 15 15 15 15 15 15 15 15 15 15 15	10:27		
Blank Test		300 mm		
External Standard I	R			
External Standard E	EC			
Blank Test		:		
Subject Sample 2				
IR Result	25 (25 EX EX EX EX			
EC Result	변경 (44) 보다 100 100 100 ·	** ** ** ***		•
Blank Test	NAME AND THE PART AND	:		
1				

#### Test Result: TEST INCOMPLETE

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

Officer Signature

Printed Name

Ruth

Cramer

2.0

Date 10-19-2071 Location: City/State Tumwater, WH

07/06/2023

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ALCOTEST 9510 SERIAL NUMBER ARJN-0047 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.9 DATE OF LAST QAP: 10/18/2021

Analysis Date: 10/19/2021

Observation Period Began: 10:00 Citation/Case Number: TEST8367 Operator Name: CRAMER/ RUTH/ A

Subject Name: ROBINSON/ TEST/ RECORD

Subject Date of Birth: 07/21/2000 External Standard Lot: 1173080

Breath Analysis	Result g/210L	Time hh:mm	Volume liters	Blowtime seconds
Blank Test		10:56		
Internal Standard		:		
Subject Sample 1				
IR Result	10 m so so so so	:		
EC Result				
Blank Test				<del>-</del>
External Standard IR		:		
External Standard EC		:		
Blank Test		:		
Subject Sample 2				
IR Result		:		
EC Result	12 12 12 12 12 14	:		
Blank Test		:		

#### Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct
Officer Signature Public Council
Printed Name Ruth Crawer
Date 10-19-2021 Location: City/State Tumwater, WA

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ALCOTEST 9510 SERIAL NUMBER ARJN-0047 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.9 DATE OF LAST QAP: 10/18/2021

Analysis Date: 10/19/2021

Observation Period Began: 10:00 Citation/Case Number: TEST8367 Operator Name: CRAMER/ RUTH/ A

Subject Name: ROBINSON/ TEST/ RECORD

Subject Date of Birth: 07/21/2000 External Standard Lot: 1173080

<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
000 MM NCC NCC AND NCC	10:56		
	ton tool tool and		
			Char Day COV SOF MA
	:		
2 2 1 1 2 2 2 E	;		
	;		
	:		
20 5 5 5 5 5	:		
·			
	g/210L 	g/210L hh:mm 10:56	g/210L hh:mm liters 10:56:::

#### Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

Printed Name

Ruth

Crame

Date 10-19-2 Location: City/State

Tumwater, WA

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#2Active, Picked#4

## Washington State Patrol Supervisor Test

Test Date:

10/19/2021 11:48

Sequential Test #:

1137

**Breath Test Instrument Information** 

Model

Alcotest 9510

Serial Number:

ARJN-0047

#### **External Standard Test Details**

Function	Result	Time
	g/210L	HH:MM
Diagnostic	OK	11:48
Blank Test	0.000	11:48
External Standard IR	0.079	11:48
External Standard EC	0.076	11:48
Blank Test	0.000	11:49
Diagnostic	OK	11:49

Operator:

Signature:

Sig. Date:

#1 active, picked#2

## Washington State Patrol Supervisor Test

Test Date:

10/19/2021 11:51

Sequential Test #:

1138

**Breath Test Instrument Information** 

Model

Alcotest 9510

Serial Number:

ARJN-0047

#### **External Standard Test Details**

Function	Result	Time
	g/210L	HH:MM
Diagnostic	ÖK	11:51
Blank Test	0.000	11:51
External Standard IR	0.078	11:52
External Standard EC	0.074	11:52
Blank Test	0.000	11:52
Diagnostic	OK	11:53

Operator:

Signature:

Sig. Date:

1505-19-07

Test Date: 11	0-14-2021 Crame	4-21	quential Té	est #: 1139	•
	ASHINGTON	060	quemiai re	-3ι <del>π</del> . <u>1109</u>	
Breath Test Instru	ument Information Model <u>Alcotest 9510</u>	Serial I ARJN-	Number 0047	QAP Date 10/18/2021	
Drygas Cylinder I	External Standard Inforn Lot Number 1173080	nation Concei <u>0.080</u>	ntration	Expiration 07/17/2022	Inlet CAL GAS INLET 2
External Standard	Function  Blank Test External Standard External Standard Blank Test External Standard External Standard Blank Test External Standard External Standard External Standard External Standard	I EC I IR I EC I IR I EC	Result g/210L 0.000 0.078 0.075 0.000 0.075 0.000 0.078 0.075 0.000 0.078 0.075 0.000	Time HH:MM 01:01 01:01 01:01 01:03 01:03 01:03 01:04 01:04 01:04 01:04	
External Standard	d Change Results: CYL	INDER	INSTALL/	ATION SUCCE	ESSFUL
Operator Informa Operator: RUTH Signature:			-	Sig. Date:	11/07/2021
dale	was sli	ill	Cho	enged	from
pri	or step.	Dut	L a	etuall	10-19-21

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Error[1			ΞM
HW ERRO			
rcv_tim	eout:	001	B300
rcv_tim	eout:	000	0001
rcv_tim	eout:	000	0000
ack_rec	eived_	u 8	1
button		255	
uart1_r	cv_sta	tus	0
com_con	trol_ι	18	2
byte	0	1	
byte	1	67	
byte	2	0	
byte	3	0	
byte	4	0	
byte	5	101	
byte	6	0	
by t e	7	25	
by te	8	0	
by te	9	0	
byte	10	1	
by t e	11	0	
byte	12	0	
byte	13	0	
byte	14	255	
byte	15	2	
byte	16	6	
byte	17	0	
b y te	18	23	
byte	19	7	
byte	20	0	
byte	21	0	
byte	22	0	
byte	23	3	
b y te	24	0	
byte	25	0	
byte	26	0	
byte	27	117	
byte	28	0	
byte	29	255	
byte	30	0	
byte	31	204	
byte	32	102	
byte	33	160	
byte	34	32	
byte	35	63	

Printed after
ARTN-0047
Was polled

Mamer 10-20-2021

## ARKC-0022 Trooper Mike Qunell Version 5.13, 1.0, 2.9

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WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.9

## **Software Verification Documentation**

Technician:

GUNELL

Instrument Serial Number: ARKC-0022

**Date Testing Performed:** 

Draeger Alcotest 9510 Version info

Date: 28.09.2021 Time: 05:44

Serial: ARKC-0022

M16 Ver: 1.0/8322798 M16 Checksum: 0xF39C BTL Ver: 1.5/8323536

WinCE Ver:5.13/8322797 WinCE Checksum:0x5E94 WinCE ImageVer:1.8

Cfg Ver: 2.9/8322796 AP Ver: 2.9/8322796A NAP Ver: 2.9/8322796NA AP/NAP CRC: 0x3236/0xDA79

Drink. location: 0x6AAA Lifecounter: 14064

Config files:
RecordData\_091
InternalPrinterCfg\_026
TextsInternalPrt\_039
FontsInternalPrt\_001
Parameter\_039
MeasProc\_130
WinCeCfg\_053
ExternalPrtCfg\_106
Texts1ExternalPrt\_066
AccessRights\_029

Subversion:

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.9

### Observation times

Draeger Displayed Time	Entered Time	Result
07:36	07:36	16 MIN TIMER
07:37	05:00	TEST NOT CONTINUED; TO 7:37 ALLOW,
07:39	09:00	TES NOT CONTINUED; "
07:41	07:26	TES NOT CONTINUED, "
07:42	07:32	G MINUTE TIMER
Comments		

Data entry

	Instrument reacted	
Type of data	as intended	Comments
	(yes/no)	
Operator Observed Subject Entire Time	Yes □ No	
Summary Screen	X Yes □ No	
Subject Smoke, Vomit, Put Anything in Mouth	<b>≱</b> Yes □ No	
Citation/Case Number	<b>▼</b> Yes □ No	
County of Arrest	XYes □ No	
Collision Involved	Yes □ No	
Subject drinking at specific drinking establishment	XXYes □ No	
PBT Given	Yes □ No	
Summary Screen	¥Yes □ No	
Scan Operator Card	ĭ⊠ Yes □ No	EXPIRED CARD DID NOT CONT.
Summary Screen	¥Yes □ No	
Subject Ethnic Group	Yes □ No	
Subject Driver License State	ĭ⊠. Yes □ No	
Washington, Oregon, Idaho Licenses	☐ Yes ☑ No	ID LICENSE WON'T SCAN
Other Licenses & manual entry	X Yes □ No	
Gender "X"	;⊈Yes □ No	
Summary	¥ Yes □ No	
Breath Test	⊠ Yes □ No	
Printed Document	¥ Yes □ No	
Comments		

**Breath Test Scenarios** 

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.0
CONFIG: 8322796 VERSION 2.9

Type of scenario	Instrument reacted as
Seattlement of the American Bell to the transfer of the transf	intended (yes/no)
Not meeting sampling parameter, then continue	Yes No
Meeting sampling parameters	¥ Yes □ No
Allow two minutes to pass – Verify "Refusal" & "Incomplete" are displayed/Printout	Yes No
Press "Stop" – verify "Refusal," "Incomplete," & "Continue" are displayed/Printout	¥ Yes □ No
Comments	
Supervisor Test	1_
Type of scenario	Instrument reacted as intended (yes/no)
Active Cylinder 1; Cylinder set to 2 during Supervisor Test/Printout	<b>≱</b> Yes □ No
Active Cylinder 2; Cylinder set to 1 during Supervisor Test/Printout	Yes □ No
Comments	
Reprint function	
Type of scenario	Instrument reacted as intended (yes/no)
Verify information is displayed on the "Reprint screen" after selecting a record to be reprinted. Reprint selected document.	<b>⊠</b> Yes □ No
Verify identified items ARE listed as reprint options	¥ Yes □ No
Verify identified items are NOT listed as reprint options	¥ Yes □ No
Comments	
Daylight Saving Time Change	
Type of scenario	Instrument reacted as intended (yes/no)
Time change on March 14, 2021	¥Yes □ No
Time change on November 7, 2021	▼Yes □ No
Comments	
Cylinder Change	
Type of scenario	Instrument reacted as intended (yes/no)
Cylinder Change & Printout	✓ Yes □ No
Comments	
Polling Data	
Verify polling data reflects information from breath test (gender selection, license information, etc).	₩ Yes □ No
Comments	

Other comments:

# DRAEGER ALCOTEST 9510 CALIBRATION/ADJUSTMENT RECORD

SERIAL NUMBER:	ARKC-0022							
SOFTWARE VER.:	8322798 1.0	)						
CONFIG. VER.:	8322796 2.9	)						
TECHNICIAN:	QUNELL/M							
TIME/DATE BEGAN:	05:52 09/28	/2021						
CALIBRATION ADJUS BATCH#:	STMENT PEF : 202007A		YES E <b>F VALUE:</b> <u>0.</u>		SIM#: DR4	990	THERM#: [	DR4990
			CALIBRATION Resul	ON PROCE				
Simulator #	DR	3528	DR4	1969	DF	R4480	DR	4935
Sim Thermometer #		3528		1969		R4480		14935
QAP Batch # Reference Value		<u>2011B</u> 407	0.08	103C 302		2103B 1503		2010C 2022
Sim Temp 34.0°C ±								
0.2°C Before?	YE:	S	YES	EC EC	YE	EC EC	YE IR	S EC
SD Bias %	0.040 0.039 0.039 0.039 0.039 YE 0.0392 0.0004 6 -3.69 6 1.02	0.040 0.040 0.040 0.040 0.040	0.079 0.080 0.080 0.080 0.080 0.0798 0.0004 -0.50 0.50	0.079 0.080 0.080 0.080 0.080 0.0798 0.0004 -0.50 0.50	0.152 0.150 0.150 0.150 0.149 YE 0.1502 0.0011 -0.07 0.73	0.149 0.148 0.148 0.147 ES 0.1480 0.0007 -1.53 0.47	0.204 0.203 0.202 0.203 0.203 YE 0.2030 0.0007 0.40 0.34	0.198 0.198 0.198 0.197 3.197 3.1978 0.0004 -2.18 0.20
COMPLETE BREATH	IESI:	YES	E35 LO1#:	1355740		EXP DATE	<u> </u>	.3
INTERFERENCE TES	T:	YES_	BATCH#: _ ACETONE I			SIM#: THERM#:		
INVALID SAMPLE:		_YES						
REFERENCE BARON	IETER S/N:	4100060	l					
COMMENTS:								
AS FOUND ESS RES	ULT:	IR: M	1 <u>A</u> 1	EC: M	<u> A</u>	677 ~	al-	ala i
QUNELL/M		Signatur	net _			UILO Timo/Do	te Procedure	O/2/
Technician Name		Signatur	<del>-</del>			าแเษ/บล	ite Progedure	Antubiered

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ALCOTEST 9510 SERIAL NUMBER ARKC-0022 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.9 DATE OF LAST QAP: 12/31/2050

Analysis Date: 09/28/2021

Observation Period Began: 07:00 Citation/Case Number: TEST Operator Name: TEST/ T/-Subject Name: TEST/ TEST/-Subject Date of Birth: 01/01/1950

External Standard Lot: LOT1\_6789012345678901234

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	08:13		
Internal Standard VI	ERIFIED	08:13		
Subject Sample 1			1.6	6.9
IR Result	0.000	08:14		
EC Result	0.000	08:14		
Blank Test	0.000	08:15		
External Standard IR	0.086	08:16		
External Standard EC	0.083	08:16		
Blank Test	0.000	08:17		
Subject Sample 2			1.6	6.1
IR Result	0.000	08:18		
EC Result	0.000	08:18		
Blank Test	0.000	08:18		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature		
Printed Name		
Date	Location: Citv/State	

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ALCOTEST 9510 SERIAL NUMBER ARKC-0022 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.9 DATE OF LAST QAP: 12/31/2050

Analysis Date: 09/28/2021

Observation Period Began: **08:00** Citation/Case Number: **TEST** Operator Name: **TEST/ TEST/ -** Subject Name: **TEST/ TEST/ -** Subject Date of Birth: **01/01/1950** 

External Standard Lot: LOT1 6789012345678901234

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	08:21		
Internal Standard	VERIFIED	08:22		
Subject Sample 1				
IR Result		08:24		
EC Result	*****	08:24		
Blank Test		:		
External Standard	IR	:		
External Standard	EC	:		
Blank Test		:		
Subject Sample 2				
IR Result	****	:		
EC Result		:		
Blank Test		:		
ı				

### Test Result: **TEST INCOMPLETE**

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature	
Printed Name	
Date	Location: City/State

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ALCOTEST 9510 SERIAL NUMBER ARKC-0022 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.9 DATE OF LAST QAP: 12/31/2050

Analysis Date: 09/28/2021

Observation Period Began: **08:00** Citation/Case Number: **TEST** Operator Name: **TEST/ TEST/ -** Subject Name: **TEST/ TEST/ -** Subject Date of Birth: **01/01/1950** 

External Standard Lot: LOT1\_6789012345678901234

Breath Analysis	Result g/210L	Time hh:mm	Volume liters	Blowtime seconds
Blank Test		08:26		
Internal Standard		:		
Subject Sample 1				
IR Result		:		
EC Result		:		
Blank Test		:		
External Standard IR		:		
External Standard EC		:		
Blank Test		:		
Subject Sample 2				
IR Result		:		
EC Result		:		
Blank Test				

# Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature		
Printed Name		
Date	Location: City/State	

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# Washington State Patrol Supervisor Test

Test Date:	e: <u>09/28/2021 08:31</u>		Sequential Test #:		189
Breath Test In	strument In	formation			
Model	Alcotest 9510		Serial Number:		ARKC-0022
External Stand	F E E E	etails Function Diagnostic Blank Test External Standard IR External Standard EC Blank Test Diagnostic	Result g/210L OK 0.000 0.086 0.084 0.000 OK	Time HH:MN 08:31 08:31 08:31 08:32 08:33	<u>/</u>
Operator:					
Signature: Sig. Date:					

# Washington State Patrol Supervisor Test

Test Date:	09/28/2021 08:37	Sequential Test #:	190
Breath Test In	strument Information		
Model	Alcotest 9510	Serial Number:	ARKC-0022
External Stanc	lard Test Details		
	Function  Diagnostic  Blank Test  External Standard IF  External Standard Education  Blank Test  Diagnostic	OK 08 0.000 08 0.080 08 0.078 08 0.000 08	ne <u>H:MM</u> :37 :37 :37 :37 :38 :38
Operator:			
Signature:		Sig.	Date:

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ALCOTEST 9510 SERIAL NUMBER ARKC-0022 SOFTWARE VERSION 8322798 1.0 CONFIGURATION VERSION 8322796 2.9 DATE OF LAST QAP: 12/31/2050

Analysis Date: 09/28/2021

Observation Period Began: 07:00 Citation/Case Number: TEST Operator Name: TEST/ T/ - Subject Name: TEST/ TEST/ - Subject Date of Birth: 01/01/1950

External Standard Lot: LOT1\_6789012345678901234

Breath Analysis	Result g/210L	Time hh:mm	Volume liters	Blowtime seconds
Blank Test	0.000	08:13		
Internal Standard VE	RIFIED	08:13		
Subject Sample 1			1.6	6.9
IR Result	0.000	08:14		
EC Result	0.000	08:14		
Blank Test	0.000	08:15		
External Standard IR	0.086	08:16		
External Standard EC	0.083	08:16		
Blank Test	0.000	08:17		
Subject Sample 2			1.6	6.1
IR Result	0.000	08:18		
EC Result	0.000	08:18		
Blank Test	0.000	08:18		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature	11171100 = 1111	
Printed Name		
Date	Location: City/State	

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# Washington State Patrol External Standard Change

Test Date:	11/07/2021	_ s	equential T	est #: <u>192</u>	2
Location:	WASHINGTON	_			
Breath Test I	nstrument Information Model Alcotest 9510		Number 0-0022	QAP Date 12/31/2050	<u>)                                    </u>
Drygas Cylin	der External Standard Infor Lot Number 12345		entration	Expiration <u>12/31/2029</u>	Inlet CAL GAS INLET 1
External Sta	Blank Test External Standa External Standa Blank Test External Standa Blank Test External Standa External Standa External Standa External Standa Blank Test External Standa External Standa External Standa Blank Test	rd EC rd IR rd EC rd IR	Result g/210L 0.000 0.086 0.083 0.000 0.085 0.083 0.000 0.085 0.083 0.000	Time HH:MM 01:10 01:10 01:10 01:11 01:11 01:11 01:13 01:13 01:13 01:13	
External Star	ndard Change Results: CY	LINDEF	RINSTALL	ATION SUCC	CESSFUL
Operator Info	ormation CHAEL QUNELL				
Signature:				Sig Date:	11/07/2021

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• WINCE: 8322797 VERSION 5.13 • M16: 8322798 VERSION 1.0 • CONFIG: 8322796 VERSION 2.9

# Software Verification Documentation Supplemental

Technician:

M. QUNELL

Instrument Serial Number: ARKC-0022

**Date Testing Performed:** 

11/10/21

Perform at least three breath test sequences, varying observation times:

- 1. When the instrument is "READY" to begin the testing sequence, enter a time exactly 119 minutes prior to the time displayed on the Draeger clock. The instrument should allow the testing sequence to continue.
- When the instrument is "READY" to begin the testing sequence, enter a time exactly 120 minutes prior to the time displayed on the Draeger clock. The instrument should allow the testing sequence to continue.
- 3. When the instrument is "READY" to begin the testing sequence, enter a time exactly 121 minutes prior to the time displayed on the Draeger clock. The instrument should not continue with the testing sequence.

**Observation times** 

Entered Time	Result
04:33	TEST CONTINUED
04:33	TEST CONTINUED
04:33	TEST STOPPED. "OBS. START TIME
	15 VALID BETWEEN 04:34 and 06:34
06:20	TEST CONTINUED
	04:33 04:33 04:33

Comments

# **Software Verification Documentation Supplemental #2**

**Technician: Trooper Mike Qunell** 

**Instrument Serial Number: ARKC-0071** 

(current software/ WinCE 8322797 version 5.11, M16 8322798 version 0.9, Config 8322796 version 2.7):

**Instrument Serial Number: ARKC-0022** 

(new software/ WinCE 8322797 version 5.13, M16 8322798 version 1.0, Config 8322796 version 2.9):

**Date(s) Testing Performed:** 2/24/2022 and 3/14/2022

**On each instrument**, connect a dry gas canister to the instrument with a concentration outside of the external standard range (0.072 to 0.088 inclusive).

### In Evidential mode, perform the following:

- 1. When the instrument is ready, provide an adequate first breath sample.
- 2. Wait for the Cal Standard Fail status message to appear.
- 3. Let the instrument continue
- 4. Record the results

### Restart the sequence

- 5. When the instrument is ready, provide an adequate first breath sample.
- 6. Wait for the Cal Standard Fail status message to appear.
- 7. Blow into or inhale from the breath hose, or in case of purging block the breath hose
- 8. Record the results

### In **Training mode**, perform the following:

- 1. When the instrument is ready, provide an adequate first breath sample.
- 2. Wait for the Cal Standard Fail status message to appear.
- 3. Let the instrument continue
- 4. Place the instrument back into Evidential Mode
- 5. Record the results

### **Restart the sequence**

- 6. When the instrument is ready, provide an adequate first breath sample.
- 7. Wait for the Cal Standard Fail status message to appear.
- 8. Blow into or inhale from the breath hose, or in case of purging block the breath hose
- 9. Place the instrument back into Evidential Mode
- 10. Record the results

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### **Expected Results**

### **Evidential Mode:**

### **Current Software:**

- When allowed to continue following a "Cal Standard Fail" message, the instrument places itself out of service.
- YES
- When a second status message is generated ("Blowing Not Allowed," "Inhalation Detected," "Check Airway") after the "Cal Standard Fail" status code, the instrument does not place itself out of service.
- Blowing Not Allowed- Remained In Service

### **New Software:**

- When allowed to continue following a "Cal Standard Fail" message, the instrument places itself out of service.
- YES
- When a second status message is generated ("Blowing Not Allowed," "Inhalation Detected," "Check Airway") after the "Cal Standard Fail" status code, the instrument does place itself out of service.
- Blowing Not Allowed- Out of Service

### **Training Mode:**

### **Current Software:**

- When allowed to continue subsequent to a "Cal Standard Fail" message, the instrument remains in service while in Training Mode. When the instrument is placed back into Evidential Mode, the instrument does place itself out of service.
- YES
- When a second status message was generated ("Blowing Not Allowed," "Inhalation Detected," "Check Airway"), the instrument <u>does not</u> place itself out of service when put back into Evidential Mode.
- Blowing Not Allowed- Remained In Service
- Inhalation Detected- Out of Service

### **New Software:**

- When allowed to continue subsequent to a "Cal Standard Fail" message, the instrument remains in service while in Training Mode but <u>does</u> put itself out of service when placed back into Evidential Mode.
- YES
- When a second status message is generated ("Blowing Not Allowed," "Inhalation Detected," "Check Airway"), the instrument remains in service while in Training Mode but <u>does</u> put itself out of service when placed back into Evidential Mode.
- Blowing Not Allowed- Out of Service
- Inhalation Detected- Out of Service

### **Technician Comments**

### **Evidential mode:**

First, using an instrument with current software I tried blocking the air while purging after the ES analysis and was not able to get any result other than it putting itself out of service. Then, using the same instrument with current software, after the ES analysis and purge it stated calibration fail. It then purged again. Just as it went back to the Ready screen I blew into it. It then showed Blowing Not Allowed and did another purge. After this it went to the Ready screen and remained in service.

I next moved to an instrument with the new software installed. I repeated the above procedure again attempting to blow as it started to go to the Ready screen. It showed Blowing Not Allowed, purged, then put itself out of service.

The test was repeated with the same result the second time on each instrument.

The tests were done using an ES of approximately .095.

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### Training mode:

When allowed to continue, both instruments had the same result. There was a Cal Fail following the External Standard with the instrument in Training Mode. It went to the Ready screen. After Training Mode was turned off the instrument placed itself out of service.

Both instruments had the same result. There was a Cal Fail following the External Standard with the instrument in Training Mode. The hole was then covered during the attempted purge following the Cal Fail notification. The instrument went to the Ready screen. After Training Mode was turned off the instrument placed itself out of service. I was unable, however, to obtain a "Check Airway" status message.

I did see a difference between the two instruments when I got a Blowing Not Allowed message while in Training Mode. The instrument with the current software stayed In Service following the Blowing Not Allowed that was done after the calibration fail. It remained In Service even when instrument was taken out of Training Mode.

The one with the new software, also in Training Mode, remained in service after the Blowing Not Allowed following the Cal Fail. The difference was that it did go out of service when Training Mode was turned off.

I tested each instrument in Training Mode with an Inhalation Detection following a Cal Fail. This time both instruments went out of service after Training Mode was turned off.

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# Software version 5.13, 1.1, 3.0

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# **Software version 5.13, 1.1, 3.0**

Prior to November 6, 2022, the Washington Administrative Code (WAC 448-16-060) indicated the mean of the four breath samples would be rounded to four decimal places when determining agreement of duplicate breath samples. The algorithm employed by the Draeger truncates the mean. The WSP IDS requested a change to the Draeger's algorithm to reconcile the two methods. Revised software (WinCE: 8322797 version 5.13 - M16: 8322798 version 1.1 - Config: 8322796 3.0) was made available on August 9, 2022.

This version of the software was never accepted, downloaded, viewed, installed, nor tested. The decision was made to revise the WAC to coincide with the algorithm employed by the Draeger software installed on evidential instruments currently in use in Washington. The change to the WAC was effective November 6, 2022. Draeger revised the software to revert the algorithm employed to verify agreement of duplicate breath samples back to the original method of truncating the mean and included a change to correct the handling of Status Code 3 (CAL GAS SUPPLY).

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Dräger Safety AG & Co. KGaA. Revalstraße 1, 23560 Lübeck

To Whom It May Concern

Unser Zeichen TAS-da

Tel

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Fa

F-Mail

stephan.david@draeger.com

July 27th, 2022

Dräger Alcotest 9510 Washington State

### **STATEMENT**

Due to customer requirements we have implemented the following changes into the Alcotest 9510 used at Washington State Patrol:

- Change of handling CAL GAS SUPPLY status code during a breath test sequence (If the mentioned status code occurs during a breath test sequence the instrument will proceed to take itself out of service. No further breath test sequence can be started)
- The mean of all four results ((IR1, EC1, IR2 and EC2)) will be calculated and rounded mathematical to four decimal places (This mean will be used to calculate the upper (mean\*1.1) and lower (mean\*0.9) tolerance limit truncated to three digits following the decimal.)

The new version of the device is released in July 2022

	Current version	New version Part-#; /Version
WinCE application:	8322797 / V5.13	8322797 / V5.13
Measurement System M16 Firmware	8322798 / V1.0	8322798 / V 1.1
Configuration	8322796 / V2.9	8322796 / V 3.0

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Commerzbank AG, Lübeck
IBAN DE29 2304 0022 0014 6803 00
BIC COBADEFF230
Deutsche Bank AG, Lübeck
IBAN DE75 2307 0710 0030 2109 00
BIC DEUTDEHH222

Sitz der Gesellschaft: Lübeck Handelsregister: Amtsgericht Lübeck HRB 4097 HL Komplementär: Dräger Safety Verwaltungs AG Sitz der Gesellschaft: Lübeck Handelsregister: Amtsgericht Lübeck HRB 5036 HL Vorsitzender des Aufsichtsrats der Dräger Safety AG & Co. KGaA und Dräger Safety Verwaltungs AG: Professor Dr. Nikolaus Schweickart

Vorstand: Stefan Dräger (Vorsitzender) Thomas Engler Rainer Klug Gert-Hartwig Lescow Dr. Reiner Piske Anton Schrofner



Seite 2 / 2

The changes in this firmware and configuration does not affect metrological functions, algorithms or other settings of the updated device. The WinCE application remain unchanged. All device specific data will remain in the device.

Yours sincerely

74. Dento

Stephan David

Approval Engineer Alcotest & Drugtest

Research & Development

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# Software version 5.13, 1.2, 3.0

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# **Software version 5.13, 1.2, 3.0**

## **Requested modifications:**

- 1. Revert the algorithm employed to verify agreement of duplicate breath samples back to the original method of truncating the mean.
- 2. Correct the handling of Status Code 3 (CAL GAS SUPPLY)

The revised software package delivered on September 22, 2022 contained the following components:

WinCE: 8322797 version 5.13
M16: 8322798 version 1.2
Config: 8322796 3.0

Six technicians were provided with instructions regarding the installation and testing of the software. Worksheets were provided to record the results.

BAC Technician	<b>Draeger Instrument</b>
Trooper Darren Wilkes	ARAF-0010
Trooper Justin Rumsey	ARAH-0094
Trooper Chris Hooper	ARKA-0041
Forensic Scientist Shelley Benante	ARKB-0012
Trooper Mike Qunell	ARKC-0022
Trooper Kyle Dahl	ARKD-0019

During testing of functionality request two listed below, the instruments automatically generated printed documents for CAL GAS SUPPLY Status Code 3, EXT. STANDARD FAILED Status Code 21, and CHECK AIRWAY Status Code 40. In addition, with the addition of the gender X option, the gender was by default "Male." The software was therefore rejected. Draeger was notified and revised software was requested to address the unexpected printing and default settings for both gender and ethnicity selections.

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stephan.david@draeger.com

September 22th, 2022

Dräger Alcotest 9510 Washington State

### **STATEMENT**

Due to customer requirements we have implemented the following changes into the Alcotest 9510 used at Washington State Patrol:

1. The mean of all four results ((IR1, EC1, IR2 and EC2)) will be calculated and truncated mathematical to four decimal places

(This mean will be used to calculate the upper (mean\*1.1) and lower (mean\*0.9) tolerance limit truncated to three digits following the decimal.)

The new version of the device is released in September 2022

	Current version	New version Part-#; /Version
WinCE application:	8322797 / V5.13	8322797 / V5.13
Measurement System M16 Firmware	8322798 / V1.1	8322798 / V 1.2
Configuration	8322796 / V3.0	8322796 / V 3.0

Vorsitzender des Aufsichtsrats der Dräger Safety AG & Co. KGaA und Dräger Safety Verwaltungs AG: Professor Dr. Nikolaus Schweickart



Seite 2 / 2

The changes in this firmware and configuration does not affect metrological functions, algorithms or other settings of the updated device. The WinCE application remain unchanged. All device specific data will remain in the device.

Yours sincerely

Stephan David

Approval Engineer Alcotest & Drugtest

Research & Development

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# **Alcotest 9510 Functionality Change Request Quotation**

Washington State Patrol

June 15, 2022

Quotation Number: SR20220615T

# **Functionality Change Specifications**

Item	Specification/Requirement
1	Functionality change requests to be branched from/based on following software
' '	versions:
	WinCE p/n 8322797, v5.13, 0x5E94
	M16 p/n 8322798, v1.0, 0xF39C
	Config p/n 8322796A/NA, v2.9, 0x3236/0xDA79
	91
	Bootloader p/n 8323536, v1.5 Image p/n 8322915, v1.8
2	Modify the functionality so that when a CAL GAS SUPPLY status code is
	generated during a breath test sequence, the instrument proceeds to take itself
	out of service.
3a	Washington Administrative Code specifies how to determine agreement between valid breath samples. The relevant section is excerpted verbatim here: WAC 448-16-060 Determining agreement of duplicate breath samples. Pursuant to RCW 46.61.506 the following method is approved for determining whether two breath samples agree to within plus or minus ten percent of their mean.  (1) The breath test results will be reported, truncated to three decimal places.  (2) For the DataMaster instruments, the mean of the two breath test results will be calculated and rounded to four decimal places. For the Drager instrument, the mean of all four results will be calculated and rounded to four decimal places.  (3) The lower acceptable limit will be determined by multiplying the above mean by 0.9, and truncating to three decimal places.  (4) The upper acceptable limit will be determined by multiplying the mean by 1.1 and truncating to three decimal places.  (5) If the individual results fall within and inclusive of the upper and lower acceptable limits, the two breath samples are valid.
3b	Modify instrument functionality for the acceptance criteria between two valid breath samples per WAC description in item 3a. If all four of the test results (IR and EC from each of the two breath samples) are not greater than or equal to 0.010 g/210L, the samples are assumed to have acceptable tolerance agreement. If all four of the test results (IR and EC from each of the two breath samples) are greater than or equal to 0.010 g/210L, determine tolerance as follows.:
3c	• the mean of all four results will be calculated and <b>rounded</b> to a resolution of

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07/06/2023



		four digits following the decimal.
3d	•	the lower acceptable limit will be determined by multiplying the mean (per Item 3c above) by 0.9, and <b>truncating</b> to a resolution of three digits following the decimal.
3e	•	the upper acceptable limit will be determined by multiplying the mean (per Item 3c above) by 1.1, and <b>truncating</b> to a resolution of three digits following the decimal.
3f	•	If all of the individual results are within the window of upper and lower acceptable limits, <b>inclusive</b> , the two breath samples have been determined to have acceptable tolerance agreement. Else, the test sequence is aborted, status code 10 is generated for no tolerance agreement, and a breath test document will not be automatically generated

# **Functionality Change Request Quotation Price**

Per Functionality Change Specifications above

Waived

## **Functionality Change Procedure**

- Only modifications stated in the specifications section above are included.
- If the Washington State Patrol desires changes to the specifications of the functionality change, request a new quotation with a new quotation number identifier.
- Purchase orders for the functionality change must reference a specific quotation number identifier, which indicates Washington State Patrol approval for Draeger, Inc. to proceed with the associated Functionality Change Specifications as the scope of work. In the event multiple quotations exist, the version specified on the purchase order prevails as the scope of work.
- Draeger, Inc. will not modify functionality outside the scope of the specifications unless approved in writing by the Washington State Patrol.

We look forward to this opportunity to serve and support you.

Sincerely,

Sharon Roach, Regional Sales Manager

Draeger, Inc. 7256 S Sam Houston Pkwy West Suite 100 Houston TX 77085 www.draeger.com

# Procedure document Version 5.13, 1.2, 3.0

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WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.0

A QAP will be performed on an instrument loaded with the new software. Verify software versions by using the internal printer and attaching the results on page one of the Software Verification Documentation.

### **Steps:**

- 1. Complete an "AS FOUND" Test, if applicable
- 2. If applicable, poll the instrument, upload data, and confirm data is not corrupted
- 3. Copy all software files to a Draeger Key (do not delete any files). Your computer must be "Bit Locker Exempt."

Name	Туре	Size	Date modified
8322796.wcf	WCF File	1 KB	7/18/2022 3:07 PM
3322796A	File	16 KB	7/18/2022 3:09 PM
3322796NA	File	2,557 KB	7/18/2022 3:07 PM
8322797_5.13.exe	Application	1,927 KB	9/20/2021 11:05 AM
8322798_1.2_0x3F84.bin.sig	SIG File	480 KB	9/19/2022 3:18 PM

- 4. Install the software
  - a. Insert USB into the Draeger you have chosen for the validation
    - i. Menu
      - 1. Maintenance
        - a. Update WinCE Application 8322797 version 5.13
        - b. Run
    - ii. Menu
      - 1. Maintenance
        - a. Update Measurement System Firmware 8322798 version 1.2
        - b. Run
    - iii. Menu
      - 1. Maintenance
        - a. Update Configuration Files 8322796 version 3.0
        - b. Run
  - b. If "Load Firmware/" Wrong File" appears, Continue process
  - c. If "Invalid Digital Signature" appears
    - i. Maintenance
      - 1. Event Logger
        - a. Remove
          - i. Confirm Warnings
- 5. Perform a complete QAP (following the procedure in the current 2020 Technical Manual up to and including section 3.3.8 QAP Printout).

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.0

6. Perform several breath test sequences, varying entry choices

### a. Observation time

- i. When the instrument is "READY" to begin the testing sequence, enter the time displayed on the Draeger clock. The instrument should begin a countdown timer of 16 minutes.
- ii. When the instrument is "READY" to begin the testing sequence, enter a time **exactly 15 minutes** prior to the time displayed on the Draeger clock. The instrument should begin a countdown timer of one minute.
- iii. When the instrument is "READY" to begin the testing sequence, enter a time **exactly 1 minute** prior to the time displayed on the Draeger clock. The instrument should begin a countdown timer of 15 minutes.
- iv. When the instrument is "READY" to begin the testing sequence, enter a time **exactly one minute later than** the time displayed on the Draeger clock. The instrument should **not** continue with the testing sequence.
- v. When the instrument is "READY" to begin the testing sequence, enter a time **later than** the time displayed on the Draeger clock, example enter 2000 if the actual time is 0800 hours. The instrument should **not** continue with the testing sequence.
- vi. When the instrument is "READY" to begin the testing sequence, enter a time **more than** 120 minutes prior to the time displayed on the Draeger clock, example enter 0800 if the actual time is 2000 hours. The instrument should **not** continue with the testing sequence.
- wii. When the instrument is "READY" to begin the testing sequence, enter a time **exactly 120 minutes prior** to the time displayed on the Draeger clock, example enter 0800 if the actual time is 1000 hours. The instrument should continue with the testing sequence.
- viii. When the instrument is "READY" to begin the testing sequence, enter a time **exactly 121 minutes prior** to the time displayed on the Draeger clock, example enter 0759 if the actual time is 1000 hours. The instrument should **not** continue with the testing sequence.
  - ix. When the instrument is "READY" to begin the testing sequence, enter a time **exactly 119** minutes prior to the time displayed on the Draeger clock, example enter 0801 if the actual time is 1000 hours. The instrument should continue with the testing sequence.
  - x. Summary Screen verify time displayed matches time entered (continue to "b.")
- b. **Operator Observed Subject Entire Time** Enter No and press Next. The test should be cancelled; complete the observation period correctly and begin again.
- c. **Subject Smoke, Vomit, Put Anything in Mouth** Enter Yes and press Next. The test should cancelled; complete the observation period correctly and begin again.
- d. **Citation/Case Number** Using a combination of alpha and numeric characters, enter the number and press Next.
- e. **County of Arrest** Select the county by pressing the selection box and choosing the correct county and then press Next. Verify all counties are present (see page 4).
- f. **Crime Arrested For** Select the offense from the drop-down menu. Verify all choices are present.
- g. **Collision Involved** Select Yes or No and then press Next.
- h. Subject drinking at specific drinking establishment
  - i. Select No verify drop-down menu of other options will appear.
  - ii. Select Yes enter the name and location of the establishment in the fields to run a search.
- i. PBT Given
  - i. Select No then on Summary screen, tap twice on "PBT Given" to return to entry screen
  - ii. Change selection to Yes enter a PBT time.
- j. Summary Screen verify information displayed matches information entered
- k. Scan Operator Card
  - i. Enter No enter information manually
  - ii. Enter Yes, scan card and verify information
- 1. **Summary Screen** verify information displayed matches information entered

BAC Technician Software Validation Procedure

Page **2** of **6** 

- WINCE: 8322797 VERSION 5.13
  M16: 8322798 VERSION 1.2
  CONFIG: 8322796 VERSION 3.0
- m. **Subject Ethnic Group** Select the subject's ethnicity from the drop-down menu. Verify all choices are present.
- n. Subject Driver License State
  - i. Select a state for which you have a license.
    - 1. Select "scan."
    - 2. Verify information is correctly recorded and can be modified/corrected. Verify Gender includes a third gender option for non-binary displayed as "X."
  - ii. Select any state Verify option to enter information manually
    - 1. Enter information manually
    - 2. Verify Gender includes a third gender option for non-binary displayed as "X."
- o. **Summary Screen** verify information displayed matches information entered, specifically the gender option
- p. Provide a complete breath test
  - i. Stop prior to sample acceptance, take a breath, then continue
- q. **Printout** verify the printout accurately reflects data entry, requested spacing and Penalty of Perjury Statement verbiage.
- 7. Set up the instrument for a **second breath test** 
  - a. Allow two minutes to pass Verify "Refusal" and "Incomplete" are displayed.
    - i. Select "Incomplete"
    - ii. Verify an "Incomplete" breath test document is produced
- 8. Set up the instrument for a **third breath test** 
  - After all data is entered and breath test sequence has begun, press "Stop" verify "Refusal,"
     "Incomplete," and "Continue" are displayed.
    - i. Select "Continue." Verify instrument returns to "PLEASE BLOW" screen. Continue.
    - ii. Select "Stop" then "Refusal." Verify a "Refusal" breath test document is produced
- 9. **Identify active cylinder**. Set up to run a Supervisor Test and select the non-active cylinder. Run a supervisory test to determine the selected cylinder is accessed during the Supervisor Test. Change the active cylinder and repeat.

### 10. Reprint function

- a. Select a breath test to reprint (refusal, incomplete, or complete). Verify information is displayed on the "Reprint screen" after selecting the record to be reprinted. Reprint selected document.
- b. Verify the following are listed as database reprint options:
  - i. Evidential Subject Test
  - ii. Training Subject Test
  - iii. External Standard Change
  - iv. Supervisor Test
  - v. ABA
  - vi. Special ABA
  - vii. QAP Printout
- c. Verify the following are not listed as database reprint options:
  - i. Enable/Disable
  - ii. OAP Set Cert
  - iii. QAP calibration
  - iv. QAP Linearity
  - v. OAP Mouth Alcohol
  - vi. OAP Interference
  - vii. QAP Breath Test

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.0

### 11. Verify appropriate automatic time adjustments

- a. Set date and time to **March 12, 2023**, 0158 hours (you may need to do this more than once). Verify time changes from 0159 hours to 0300 hours.
- b. Set date and time to **November 06, 2022**, 0158 hours (you may need to do this more than once). Verify time changes from 0159 hours to 0100 hours.
- 12. Perform a cylinder change using a Gas Concentration of 0.080
- 13. Verify the **conditional disabling algorithm** will respond appropriately (i.e. the instrument will put itself out of service) after a CAL. STANDARD FAILED code message is recorded followed by a BLOWING NOT ALLOWED, INHALATION DETECTED, or CHECK AIRWAY status code message is recorded when in Evidential Mode.

Connect a dry gas canister to the instrument with a concentration <u>outside</u> of the acceptable external standard range (0.072 to 0.088 inclusive).

### A. In Evidential Mode, perform the following:

- 1. When the instrument is ready, provide an adequate first breath sample.
- 2. Wait for the CAL. STANDARD FAILED status message to appear.
- 3. Allow the instrument to continue
- 4. The instrument should disable itself

### B. In Evidential Mode, restart the sequence

- 5. When the instrument is ready, provide an adequate first breath sample.
- 6. Wait for the CAL. STANDARD FAILED status message to appear.
- Blow into or inhale from the breath hose, or in case of purging block the breath hose BLOWING NOT ALLOWED, INHALATION DETECTED, or CHECK AIRWAY status code message should appear
- 8. The instrument should disable itself

### C. In **Training Mode**, perform the following:

- 1. When the instrument is ready, provide an adequate first breath sample.
- 2. Wait for the CAL. STANDARD FAILED status message to appear.
- 3. Allow the instrument to continue
- 4. The instrument should remain in Training Mode and return to the READY screen
- 5. Place the instrument back into Evidential Mode
- 6. The instrument should disable itself

### D. In **Training Mode**, restart the sequence

- 7. When the instrument is ready, provide an adequate first breath sample.
- 8. Wait for the CAL. STANDARD FAILED status message to appear.
- Blow into or inhale from the breath hose, or in case of purging block the breath hose BLOWING NOT ALLOWED, INHALATION DETECTED, or CHECK AIRWAY status code message should appear
- 10. The instrument should remain in Training Mode and return to the READY screen
- 11. Place the instrument back into Evidential Mode
- 12. The instrument should disable itself

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.0

- 14. Verify the **conditional disabling algorithm** will respond appropriately (i.e. the instrument will put itself out of service) after a CAL GAS SUPPLY code message is recorded.
  - a. Start the breath test sequence
  - b. Allow the instrument to proceed beyond the Diagnostic Checks, then **remove** the external standard canister(s)
  - c. When the instrument is ready, provide an adequate first breath sample.
  - d. Allow the instrument to continue
  - e. When checking the external standard, the instrument should indicate a CAL GAS SUPPLY status code
  - f. The instrument should disable itself
- 15. Verify polling data reflects entered data (scanned and manual entries; gender selection; etc.).
- 16. Sign and date all documents.

• WINCE: 8322797 VERSION 5.13 • M16: 8322798 VERSION 1.2 • CONFIG: 8322796 VERSION 3.0

### **DROP-DOWN LISTS**

	COUNT	TY O	F AR	REST
--	-------	------	------	------

Adams

Asotin

Benton

Chelan

Clallam

Columbia

Cowlitz

Douglas

Franklin

Garfield

Grant

Ferry

Clark

### DRINKING LOCATION Refused

## Refuses to give info

Unknown

Banquet/formal party Club-Elks, Moose, etc

Comm non pass Dining establishment

Event-sprtng, cncrt, etc.

Other

Pass/comm. conv Private conveyance Private home Public bar/tavern Drinking in Canada Drinking in Idaho Drinking in Oregon Vessel, prvtly owned Vessel, commercial

### **CRIME ARRESTED FOR**

DUI

Physical control 0.02 Minor law Commercial drivers lic.

Officer self test Administrative Procedure

Other Assault

Domestic Violence

Boating under the Influence Homicide by Watercraft Assault by Watercraft

### **ETHNIC GROUP**

White Black Asian East Indian Native American Hispanic

Pacific Islander

Other

Island Jefferson King Kitsap Kittitas

Grays Harbor

Klickitat Lewis Lincoln Mason Okanogan

Pacific Pend Oreille

Pierce

San Juan Skagit

Skamania

Snohomish

Spokane

Stevens

Thurston

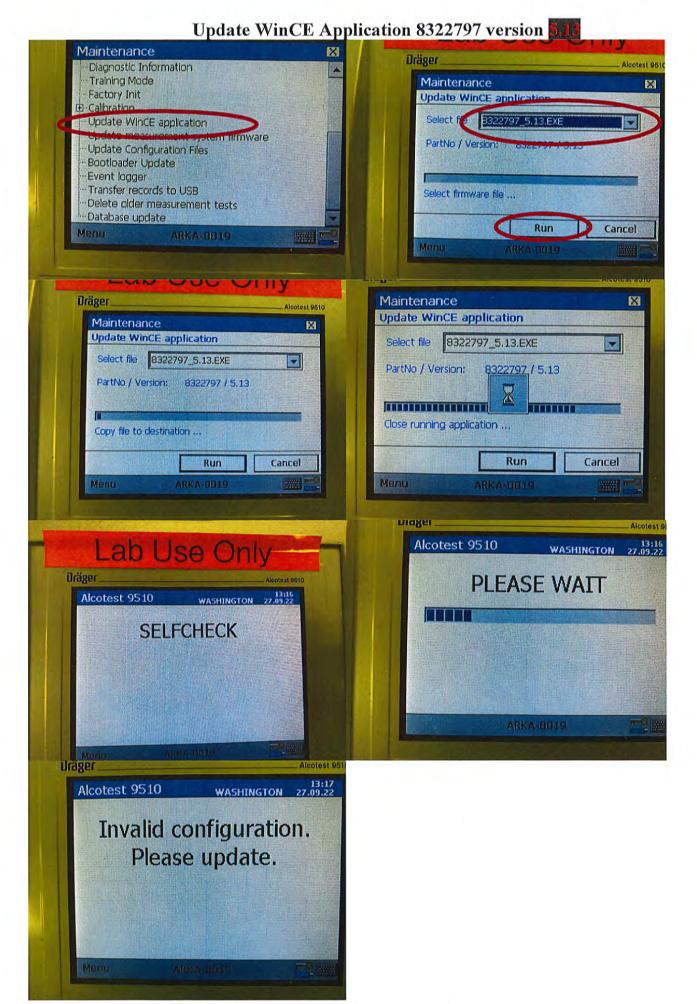
Wahkiakum

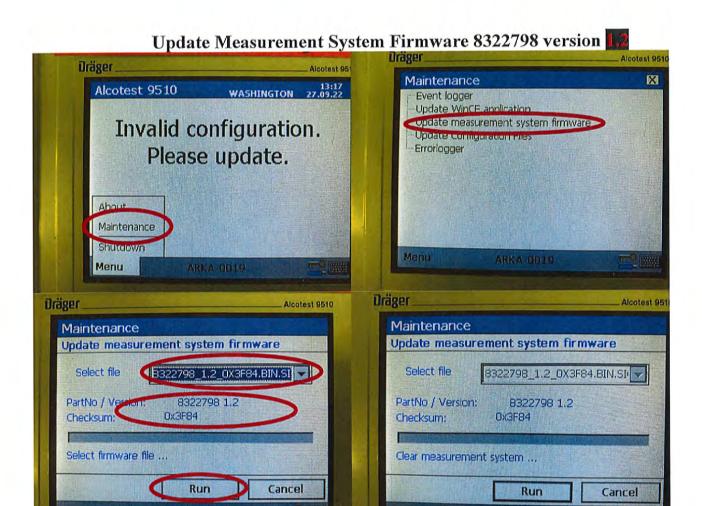
Walla Walla

Whatcom

Whitman

Yakima



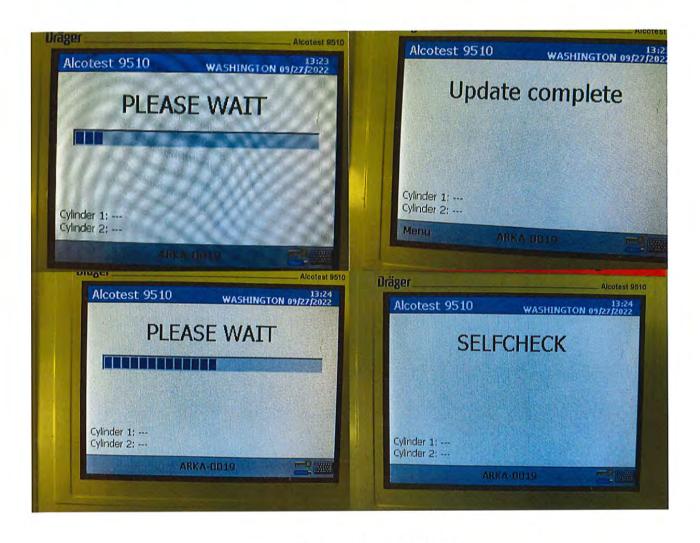


A couple of intermediary screens will flash. One will say Update Complete but move on.



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Draeger Alcotest 9510 Version info

Date: 27.09.2022

Time: 13:25

Serial: ARKA-0019

M16 Ver: 1, 2/8322798 M16 Checksum: 0x3F84 BTL Ver: 1, 5/8323536

WinCE Ver:5.13/8322797 WinCE Checksum: 0x5E94 WinCE ImageVer: 1.8

Cfg Ver:3.0/8322796 AP Ver:3.0/8322796A NAP Ver:3.0/8322796NA AP/NAP CRC:0xF5EC/0xDA79

Drink. location: 0x6AAA Lifecounter: 41896

Config files:
RecordData\_091
InternalPrinterCfg\_026
TextsInternalPrt\_039
FontsInternalPrt\_001
Parameter\_039
MeasProc\_133
WinCeCfg\_053
ExternalPrtCfg\_106
Texts1ExternalPrt\_066
AccessRights\_029

Subversion:

# WASHINGTON STATE PATROL EVIDENTIARY SUBJECT TEST

ALCOTEST 9510 SERIAL NUMBER ARAF-0002 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 07/14/2022

Analysis Date: 09/27/2022

Observation Period Began: 12:20 Citation/Case Number: TEST

Operator Name: H/H/-Subject Name: H/H/H

Subject Date of Birth: 01/01/1950 External Standard Lot: 12345

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	12:49		
Internal Standard	VERIFIED	12:50		
Subject Sample 1				
IR Result	5 is 6 is 6 2	12:51		
EC Result	22 2 2 2 2	12:51		
Blank Test		:		
External Standard I	R	;		
External Standard E	EC	;		
Blank Test	and done took thee during	:		
Subject Sample 2				
IR Result	jed toe jaaj ladi 125. 150.	:		
EC Result	45000	;		
Blank Test		:		

## Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature \_\_\_\_\_\_

Printed Name \_\_\_\_\_\_

Date Location: City/State \_\_\_\_

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WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.0

### **Software Verification Documentation**

Technician:

**Instrument Serial Number:** 

**Date(s) Testing Performed:** 

Affix the initialed & dated active software versions printout here.

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.0

#### **Observation times**

	Draeger Displayed Time	Entered Time	Result
i.			
ii.			
iii.			
iv.			
v.			
vi.			
vii.			
viii.			
ix.			
х.			Summary time:
Com	nents		

#### Data entry

Type of data	Instrument intended (y		Comments
Operator Observed Subject Entire Time	□ Yes	□ No	
Summary Screen	☐ Yes	□ No	
Subject Smoke, Vomit, Put Anything in Mouth	□ Yes	□ No	
Citation/Case Number	□ Yes	□ No	
County of Arrest	☐ Yes	□ No	
Collision Involved	□ Yes	□ No	
Subject drinking at specific drinking establishment	□ Yes	□ No	
PBT Given	□ Yes	□ No	
Summary Screen	☐ Yes	□ No	
Scan Operator Card	□ Yes	□ No	
Summary Screen	□ Yes	□ No	
Subject Ethnic Group	☐ Yes	□ No	
Subject Driver License State	☐ Yes	□ No	
Scan WA, OR, ID, and/or NY Licenses	□ Yes	□ No	
License manual entry	□ Yes	□ No	
Gender "X"	☐ Yes	□ No	
Summary	☐ Yes	□ No	
Breath Test	□ Yes	□ No	
Printed Document	☐ Yes	□ No	
Comments	•		

BAC Technician Software Validation Documentation

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.0

Breath Test Scenarios		
Type of scenario	Instrumer	nt reacted as intended (yes/no)
Not meeting sampling parameter, then continue	□ Yes	□ No
Meeting sampling parameters	☐ Yes	□ No
Allow two minutes to pass – Verify "Refusal" & "Incomplete" are displayed/Printout	☐ Yes	□ No
Press "Stop" – verify "Refusal," "Incomplete," & "Continue" are displayed/Printout	☐ Yes	□ No
Comments	1	
Supervisor Test		
Type of scenario	Instrumer	nt reacted as intended (yes/no)
Active Cylinder 1; Cylinder set to 2 during Supervisor Test/Printout	□ Yes	□ No
Active Cylinder 2; Cylinder set to 1 during Supervisor Test/Printout	☐ Yes	□ No
Comments		
Reprint function		
Type of scenario	Instrumer	nt reacted as intended (yes/no)
Verify information is displayed on the "Reprint screen" after selecting a record to be reprinted. Reprint selected document.	□Yes	□ No
Verify identified items ARE listed as reprint options	□Yes	□ No
Verify identified items are NOT listed as reprint options	□Yes	□ No
Comments	1	
Daylight Saving Time Change		
Type of scenario	Instrumer	nt reacted as intended (yes/no)
Time change on March 12, 2023	☐ Yes	□ No
Time change on November 6, 2022	□Yes	□ No
Comments	I	
Cylinder Change		
Type of scenario	Instrumer	nt reacted as intended (yes/no)
Cylinder Change & Printout	☐ Yes	□ No
Comments	I	
L		

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WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.0

	C	onditional	Disa	bling	Algorithm	– Evidential Mode
--	---	------------	------	-------	-----------	-------------------

Type of scenario	Instrument	t Out of Service (yes/no)
CAL. STANDARD FAILED – allowed to continue	□ Yes	□ No
CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED	☐ Yes	□ No
CAL. STANDARD FAILED – followed by INHALATION DETECTED	□Yes	□ No
CAL. STANDARD FAILED – followed by CHECK AIRWAY	□Yes	□ No
Comments		
Conditional Disabling Algorithm – Training Mode	T 4	
Type of scenario		t Out of Service (yes/no)
CAL. STANDARD FAILED – allowed to continue then placed into Evidential Mode	□Yes	□ No
CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED then placed into Evidential Mode	□ Yes	□ No
CAL. STANDARD FAILED – followed by INHALATION DETECTED then placed		
into Evidential Mode	☐ Yes	□ No
CAL. STANDARD FAILED – followed by CHECK AIRWAY then placed into	□Yes	□No
Evidential Mode		_ 110
Comments		
Cal gas supply status code		
Type of scenario	Instrument	t Out of Service (yes/no)
CAL GAS SUPPLY – allowed to continue	□ Yes	□ No
Comments		
Polling Data		
Verify polling data reflects information from breath test (gender selection, license	□Yes	□ No
information, etc).	L i es	□ INO
Comments		

Other comments:

# Technician worksheets Version 5.13, 1.2, 3.0

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# ARAF-0010 Trooper Darren Wilkes Version 5.13, 1.2, 3.0

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• WINCE: 8322797 VERSION 5.13

• M16: 8322798 VERSION 1.2

• CONFIG: 8322796 VERSION 3.0

804

**Software Verification Documentation** 

10-17-2022

Technician:

**Instrument Serial Number:** 

Date(s) Testing Performed:

reeger Alcotest 9510

Gate: 17.10.2022

Frme: 07:41

Serial: ARAF-0010

(416) Ver: 1.2/8322798 (416) Checksum: 0x3F84 (417) Ver: 1.5/8323536

WinCE Ver:5.13/832279/ WinCE Checksum:0x5E94 WinCE ImageVer:1.8

Cfg Ver:3.0/8322796 AP Ver:3.0/8322796A MAP Ver:3.0/8322796NA AP/NAP CRC:0xF5EC/0xDA

Orink, location: 0x6AAA

Config files:
RecordData\_091
InternalPrinterCfg\_026
FextsInternalPrt\_039
FontsInternalPrt\_001
Parameter\_039
MeasProc\_133
WinCeCfg\_053
ExternalPrtCfg\_106
Fexts1ExternalPrt\_066
AccessRights\_029

Subversion:

10.17-22

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.0

10-18-22

Observation times

Draeger Displayed Time	Entered Time	Result
0950	0950	16 min clock
0952	0937	MIN Clock
0954	0953	15 MIN Clock
0955	0956	obs. start time is valid between 0755-0955
0957	1600	11 11 11 11 11 0757-0957
1000	0730	11 11 11 11 11 6800-1006
1001	0801	PROCEED to Mext SCREEN
1004	0803	Obs start time is UALID between 0804-1004
1006	0807	Proceed to Next Screen
	VERIFIED DAU	7 Summary time: Allows to be SAUED
ments		
	Displayed Time  0950  0952  0954  0955  0957  1000  1001  1004	Displayed Time  OF50  OF50  OF50  OF50  OF50  OF50  OF50  OF50  OF50  OF53  OF55  OF56  OF57  ILOO  IDOO  ID

Data entry

Type of data	Instrument intended (	t reacted as yes/no)	Comments
Operator Observed Subject Entire Time	🗷 Yes	□ No	
Summary Screen	☑ Yes	□ No	
Subject Smoke, Vomit, Put Anything in Mouth	<b>№</b> Yes	□ No	
Citation/Case Number	☑ Yes	□ No	
County of Arrest	☑ Yes	□ No	
Collision Involved	☑ Yes	□ No	
Subject drinking at specific drinking establishment	Ճ Yes	□ No	
PBT Given	X Yes	□ No	
Summary Screen	☑ Yes	□ No	
Scan Operator Card	☑ Yes	□ No	
Summary Screen	☑ Yes	□ No	
Subject Ethnic Group	☑ Yes	□ No	
Subject Driver License State	☑ Yes	□ No	
Scan WA, OR, ID, and/or NY Licenses	☑ Yes	<b>⊠</b> No	ONLY SCANNED WA licensES &
License manual entry	☑ Yes	□ No	
Gender "X"	☑ Yes	□ No	·
Summary	☑ Yes	□ No	
Breath Test	☑ Yes	□ No	
Printed Document	⊈Yes	□ No	
Comments # ) MACHE GWA/ity St	0 P0012	ان) له	2, ID+NY) would not scan.

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.0

1 an	Much
Jan	10-18-22

Breath		

Type of scenario	Instrumer	nt reacted as intended (yes/no)
Not meeting sampling parameter, then continue	🗷 Yes	□ No
Meeting sampling parameters	☑ Yes	□ No
Allow two minutes to pass – Verify "Refusal" & "Incomplete" are displayed/Printout	⊠ Yes	□ No
Press "Stop" - verify "Refusal," "Incomplete," & "Continue" are displayed/Printout	<b>⊠</b> Yes	□ No
Comments		

**Supervisor Test** 

	nt reacted as intended (yes/no)
	□No
Ø Yes	□ No
	+

Reprint function

Type of scenario		Instrument reacted as intended (yes/no)		
Verify information is displayed on the "Reprint screen" after selecting a record to be reprinted. Reprint selected document.	K) Yes	□ No		
Verify identified items ARE listed as reprint options	🛚 Yes	□ No		
Verify identified items are NOT listed as reprint options	<b>⊠</b> Yes	□ No		
Comments				

**Daylight Saying Time Change** 

0
<i>J</i>
0

Cylinder Change

Cynnder Change	
Type of scenario	Instrument reacted as intended (yes/no)
Cylinder Change & Printout	☐ Yes □ No
Comments	

Janut 18:

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.0

Conditional Disabling Algorithm – Evidential Mode

Conditional Disabiling Algorithm – Evidential Wode	
Type of scenario	Instrument Out of Service (yes/no)
CAL. STANDARD FAILED – allowed to continue	☑ Yes ☐ No
CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED	☑ Yes ☐ No
CAL. STANDARD FAILED – followed by INHALATION DETECTED	☑ Yes □ No
CAL. STANDARD FAILED – followed by CHECK AIRWAY	⊠-Yes □ No
Check Airrey would Every Even be Be	
Conditional Disabling Algorithm – Training Mode	
Type of scenario	Instrument Out of Service (yes/no)
CAL. STANDARD FAILED – allowed to continue then placed into Evidential Mode	☑ Yes □ No
CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED then placed into Evidential Mode	☑ Yes □ No
CAL. STANDARD FAILED – followed by INHALATION DETECTED then placed into Evidential Mode	⊠ Yes □ No
CAL. STANDARD FAILED – followed by CHECK AIRWAY then placed into Evidential Mode	☑ Yes ☐ No
Comments  Such a small window as an operator y  the subject to hold the breath tibe + continue	to pertorn those Actions
Cal gas supply status code	
Type of scenario	Instrument Out of Service (yes/no)
CAL GAS SUPPLY – allowed to continue	⊠ Yes □ No
Comments	
Polling Data	
Verify polling data reflects information from breath test (gender selection, license information, etc).	Ž⁄Yes □ No
Comments	

#### Other comments:

# WASHINGTON STATE PATROL EVIDENTIARY SUBJECT TEST

ALCOTEST 9510 SERIAL NUMBER ARAF-0010 SOFTWARE VERSION 8322798 0.9 CONFIGURATION VERSION 8322796 2.7 DATE OF LAST QAP: 03/23/2022

Analysis Date: 10/12/2022

Observation Period Began: 14:15 Citation/Case Number: AS FOUND Operator Name: WILKES/ DARREN/ W

Subject Name: AS/ FOUND/ - Subject Date of Birth: 01/01/1950

External Standard Lot: LOT2\_6789012345678901234

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	14:47		
Internal Standard VE	RIFIED	14:47		
Subject Sample 1			2.7	10.5
IR Result	0.000	14:48		
EC Result	0.000	14:48	<i>7</i>	•
Blank Test	0.000	14:49		
External Standard IR	0.078	14:49		
External Standard EC	0.084	14:49	,	
Blank Test	0.000	14:51		
Subject Sample 2			2.7	9.7
IR Result	0.000	14:51		
EC Result	0.000	14:51		
Blank Test	0.000	14:52		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I certify (or declare) under penalty of perfuty under the laws of the state of Washington that the statements on this document and information contained therein are true correct, and accurate. (RCW 9A.72.085.)

Officer Signature Date 10/12/2022

Location Signed WSP WENATchee TRAINER Chelan

# DRAEGER ALCOTEST 9510 CALIBRATION/ADJUSTMENT RECORD

	1015 0010							
SERIAL NUMBER:	ARAF-0010							
SOFTWARE VER.:	8322798 1.2							
CONFIG. VER.:	8322796 3.0	)						
TECHNICIAN:	WILKES/D							
TIME/DATE BEGAN:	07:46 10/17	/2022						
प्रदेशसीहरूप्रस्थित () हार () एक () () ()								
CALIBRATION ADJUS BATCH#	STMENT PEF : 202108D		YES		SIM#: <u>DR4</u>	516	THERM#: [	)R4516
			CALIBRATION Resul	ON PROCE				
Simulator #	DR	4539	DR4	1472	DR	15936	DR	4484
Sim Thermometer #	DR	4539		1472		15936		4484
QAP Batch #		2111A		110C		2111F		2 <u>106D</u> 006
Reference Value Sim Temp 34.0°C ±	0.0	405	0.08	306	<u> </u>	506	0.2	000
0.2°C Before?	YE	S	YES	3	YE	:S	YE	S
	IR	EC	IR	EC	IR	EC	IR	EC
1		0.039	0.080	0.078	<u>0.149</u> 0.149	<u>0.145</u> 0.146	<u>0.200</u> 0.201	0.194 0.195
2		0.039 0.039	0.080 0.080	<u>0.079</u> 0.079	0.149	0.146	0.200	0.195
4		0.039	0.080	0.079	0.149	0.146	0.200	0.195
5	0.039	0.039	0.080	0.079	0.149	0.146	0.200	0.195
Sim Temp 34.0°C ±		0	VE	_	YE	:e	YE	c
0.2°C After? Mear	YE n 0.0390	0.0390	0.0800	0.0788	0.1490	0.1458	0.2002	0.1948
SE		0.0000	0.0000	0.0004	0.0000	0.0004	0.0004	0.0004
Bias 9		-3.70	-0.74	-2.23	1.06	3.19	-0.20	-2.89
CV %	6 <u>0.00</u>	0.00	0.00	0.51	0.00	0.27	0.20	0.21
COMPLETE BREATH	TEST:	YES	ESS LOT#:	302-4022	246244	EXP DATE	E: <u>10/12/202</u>	24
INTERFERENCE TES	:T•	YES	ВАТСН#:	202108D	1	SIM#:	DR4516	
MILITI LITERIOL ILO	,		ACETONE			THERM#:		
INVALID SAMPLE:		_YES						
REFERENCE BARON	METER S/N:	4100060	G					
COMMENTS:			,		- w. l			
AS FOUND ESS RES	SULT:	IR: • 0°	78/11	EC:	284	~~	/	
WILKES/D Technician Name		Signatur		X		U700 Time/D	//0-17- ite Procedure	ZOZZ Completed

07/06/2023

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## WASHINGTON STATE PATROL **EVIDENTIARY SUBJECT TEST**

ALCOTEST 9510 SERIAL NUMBER ARAF-0010 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 10/17/2022

Analysis Date: 10/17/2022

Observation Period Began: 10:45 Citation/Case Number: 123456

Operator Name: WILKES/ DARREN/ W

Subject Name: MARNEY-SMITH/ TEST/ RECORD

Subject Date of Birth: 03/01/1981 External Standard Lot: 302-402246244

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	11:08		
Internal Standard VE	RIFIED	11:08		
Subject Sample 1			2.5	9.5
IR Result	0.000	11:09		
EC Result	0.000	11:09		
Blank Test	0.000	11:10		
External Standard IR	0.079	11:11		
External Standard EC	0.077	11:11	•	
Blank Test	0.000	11:12		
Subject Sample 2			2.5	10.7
IR Result	0.000	11:13		
EC Result	0.000	11:13		
Blank Test	0.000	11:13		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

under the law of Washington that the foregoing is true and correct. I declare under penalty of perjury

Officer Signature

Printed Name

Location: City/State

### WASHINGTON STATE PATROL **EVIDENTIARY SUBJECT TEST**

Breathtest & 2

ALCOTEST 9510 SERIAL NUMBER ARAF-0010 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 **DATE OF LAST QAP: 10/17/2022** 

Analysis Date: 10/18/2022

Observation Period Began: 09:20 Citation/Case Number: BREATH 2 Operator Name: WILKES/ DARREN/ W Subject Name: HARRISON/ JOHN/ W Subject Date of Birth: 02/29/1960 External Standard Lot: 302-402246244

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	09:43		
Internal Standard VE	ERIFIED	09:44		
Subject Sample 1				
IR Result	282222	09:46		
EC Result	150 أكثا الله المراجع	09:46	١	
Blank Test		:		
External Standard IR		:	r	
External Standard EC		:		
Blank Test		:		
Subject Sample 2				
IR Result		;		
EC Result	g = 4 4 5 5			
Blank Test				

Test Result: TEST INCOMPLETE

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct. Officer Signature Printed Name

Date 10-18-2022 Location: City/State WASHINGTON STATE PATROL EVIDENTIARY SUBJECT TEST

ALCOTEST 9510 SERIAL NUMBER ARAF-0010 SOFTWARE VERSION 8322798 1.2
CONFIGURATION VERSION 8322796 3.0
DATE OF LAST QAP: 10/17/2022

Analysis Date: 10/18/2022

Observation Period Began: 09:20
Citation/Case Number: BREATH 2
Operator Name: WILKES/ DARREN/ W
Subject Name: HARRISON/ JOHN/ W
Subject Date of Birth: 02/29/1960
External Standard Lot: 302-402246244

			<b>B</b> 1
<b>Result</b> g/210L	Time hh:mm	Volume liters	<b>Blowtime</b> seconds
0.000	09:49		
ERIFIED	09:49		•
		44 m = 10 to 10	
p = = = = =	09:50		
	09:50		
	:		
,	:		
	:		
중 될 후 로 등 점	:		
	0.000 ERIFIED 	g/210L hh:mm 0.000 09:49 ERIFIED 09:49 09:50 09:50 :	9/210L hh:mm liters  0.000 09:49  ERIFIED 09:49  09:50::

## Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

Officer Signature

Printed Name

Date 10/18/7020 Location: City/State Wenner Washington that the foregoing is true and correct.

#### Washington State Patrol Supervisor Test

Sequential Test #: 585 10/18/2022 10:04 Test Date: **Breath Test Instrument Information** Serial Number: ARAF-0010 Alcotest 9510 Model **External Standard Test Details** Result Time Function g/210L HH:MM 10:04 OK Diagnostic 10:04 Blank Test 0.000 External Standard IR 0.078 10:04 0.076 10:04 External Standard EC 0.000 10:05 Blank Test 10:06 Diagnostic OK:

Cylinder 1 Supervisor test

Sig. Date:

Operato

Signature:

10-18-27

# Washington State Patrol Supervisor Test

•					
Test Date:	st Date: <u>10/18/2022 10:09</u>		est #: <u>58</u>	586	
Breath Test I	nstrument Information				
Model	Alcotest 9510	Serial Numbe	er: <u>AF</u>	AF-0010	
External Star	ndard Test Details				
Operator	Function  Diagnostic Blank Test External Standard External Standard Blank Test Diagnostic		Time HH:MM 10:09 10:09 10:09 10:09 10:09 10:10		
Signature:	James all		Sig. Date:	10-18-2072	
	Cylinder 1 A Cylinder Z	clive Supervisi	in ter		

REprovt 410

WASHINGTON STATE PATROL EVIDENTIARY SUBJECT TEST

ALCOTEST 9510 SERIAL NUMBER ARAF-0010 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 10/17/2022

Analysis Date: 10/17/2022

Observation Period Began: 10:45 Citation/Case Number: 123456

Operator Name: WILKES/ DARREN/ W

Subject Name: MARNEY-SMITH/ TEST/ RECORD

Subject Date of Birth: 03/01/1981 External Standard Lot: 302-402246244

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	11:08		
Internal Standard V	ERIFIED	11:08		
Subject Sample 1			2.5	9.5
IR Result	0.000	11:09		
EC Result	0.000	11:09		
Blank Test	0.000	11:10	•	
External Standard IR	0.079	11:11		
External Standard EC	0.077	11:11		
Blank Test	0.000	11:12		
Subject Sample 2			2.5	10.7
IR Result	0.000	11:13		
EC Result	0.000	11:13		
Blank Test	0.000	11:13		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

**Printed Name** 

Date 10-18-7027 Location: City/State

07/06/2023

## Washington State Patrol External Standard Change

#12 Cylinder Charge

Test Date: Location:	10/18/2022 WASHINGTON	Sed	uential Te	est #: <u>587</u>	
Breath Test Ir	nstrument Information Model Alcotest 9510	Serial N <u>ARAF-(</u>		QAP Date 10/17/2022	
Drygas Cylind	der External Standard Inform Lot Number 1309737	nation Concer 0.080	ntration	Expiration 04/08/2023	Inlet CAL GAS INLET 2
External Stan	Blank Test External Standard External Standard Blank Test External Standard Blank Test External Standard External Standard External Standard Blank Test External Standard External Standard External Standard External Standard External Standard	IEC IIR IEC IIR	Result g/210L 0.000 0.080 0.078 0.000 0.080 0.077 0.000 0.079 0.078 0.000	Time HH:MM 10:32 10:33 10:33 10:34 10:34 10:34 10:35 10:35 10:35	
Operator Info	ormation	INDER	INSTALL	ATION SUCC	ESSFUL

Signature:

Sig. Date:

10/18/2022

# WASHINGTON STATE PATROL EVIDENTIARY SUBJECT TEST

ALCOTEST 9510 SERIAL NUMBER ARAF-0010 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 10/17/2022

Analysis Date: 10/18/2022

Observation Period Began: 10:15

Citation/Case Number: CAL STAND FAIL
Operator Name: WILKES/ DARREN/ W
Subject Name: HARRISON/ JOHN/ W
Subject Date of Birth: 02/29/1960
External Standard Lot: 1309737

	•			
Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	10:42		
Internal Standard VE	RIFIED	10:42		
Subject Sample 1			2.2	8.3
IR Result	0.000	10:43		
EC Result	0.000	10:43		
Blank Test	0.000	10:44		
External Standard IR	0.095	10:45		
External Standard EC	0.091	10:45		*
Blank Test		:	• •	
Subject Sample 2				
IR Result	******			
EC Result	60 E E E E E			
Blank Test		:		

Test Not Complete: Status Code 21

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the vew of Washington that the foregoing is true and correct.

Officer Signature

**Printed Name** 

hate 10/18/2022 Location: City/State

# WASHINGTON STATE PATROL EVIDENTIARY SUBJECT TEST

#135

ALCOTEST 9510 SERIAL NUMBER ARAF-0010 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 10/17/2022

Analysis Date: 10/18/2022

Observation Period Began: 10:30

Citation/Case Number: BLOWING NOT ALL Operator Name: WILKES/ DARREN/ W Subject Name: ACOSTA/ TEST/ RECORD

Subject Date of Birth: 01/14/1999 External Standard Lot: 1309737

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	10:51		
Internal Standard VE	RIFIED	10:52		
Subject Sample 1			2.3	9.8
IR Result	0.000	10:53		
EC Result	0.000	10:53		
Blank Test	0.000	10:53		
External Standard IR	0.096	10:54		
External Standard EC	0.091	10:54		
Blank Test		;		
Subject Sample 2		v.	n	
IR Result		:		
EC Result	p = d = 6 E	:		
Blank Test		:		

# Test Not Complete: Status Code 21

During this test,	I followed all proto	cols set in place by	the Washington	State Toxicolog	ist for the purp	oses of this test.	At the
time of this tost	was cartified to or	herate the Alcotest	9510 and posses	ssed a valid berr	nit issued by ti	ie State Tuxicolo	uist.
I observed the s	ubject during the e	ntire observation p	erioù and during i	mai ime mey ui	u not cat, unin	i, silloko, volilit, i	n place
any toreign suks	tances in their mo	Jun.					

Officer Signature

Printed Name

Location: City/State

Date 10/18/22 Location: City/State

07/06/2023

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WASHINGTON STATE PATROL TRAINING SUBJECT TEST

#13C

ALCOTEST 9510 SERIAL NUMBER ARAF-0010 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 10/17/2022

Analysis Date: 10/18/2022

Observation Period Began: 10:40

Citation/Case Number: TRAING MODE 1
Operator Name: WILKES/ DARREN/ W
Subject Name: SAMPLE/ JOHN/ A
Subject Date of Birth: 01/06/1958
External Standard Lot: 1309737

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	11:03		
Internal Standard VE	RIFIED	11:03		
Subject Sample 1			2.3	8.8
IR Result	0.000	11:04		
EC Result	0.000	11:04		
Blank Test	0.000	11:05		
External Standard IR	0.096	11:06		
External Standard EC	0.092	11:06		
Blank Test				
Subject Sample 2				
IR Result		:		
EC Result	5 6 5 5 5 5 5 5	:		
Blank Test				

Test Not Complete: Status Code 21

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

Printed Name

Date 10/18/72 Location:

Location: City/State

# WASHINGTON STATE PATROL TRAINING SUBJECT TEST

ALCOTEST 9510 SERIAL NUMBER ARAF-0010 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 10/17/2022

Analysis Date: 10/18/2022

Observation Period Began: 11:00

Citation/Case Number: TRAINING MODE2
Operator Name: WILKES/ DARREN/ W
Subject Name: SAMPLE/ JOHN/ A
Subject Date of Birth: 01/06/1958
External Standard Lot: 1309737

Breath Analysis	Result g/210L	Time hh:mm	Volume liters	Blowtime seconds
Blank Test	0.000	11:20		
Internal Standard VE	RIFIED	11:20		
Subject Sample 1			2.1	7.7
IR Result	0.000	11:21		
EC Result	0.000	11:21		
Blank Test	0.000	11:22		
External Standard IR	0.096	11:22		
External Standard EC	0.092	11:22		
Blank Test				•
Subject Sample 2			A	
IR Result		:		
EC Result		:		
Blank Test				

# Test Not Complete: Status Code 21

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

TUCE

I declare under benalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature,

**Printed Name** 

Date 10/18/22

Location: City/State

Janatche / WA

#14

WASHINGTON STATE PATROL EVIDENTIARY SUBJECT TEST

ALCOTEST 9510 SERIAL NUMBER ARAF-0010 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 10/17/2022

Analysis Date: 10/18/2022

Observation Period Began: 11:00

Citation/Case Number: GAS REMOVED Operator Name: WILKES/ DARREN/ W Subject Name: SAMPLE/ JOHN/ A Subject Date of Birth: 01/06/1958 External Standard Lot: 1309737

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	11:30		
Internal Standard	VERIFIED	11:30		
Subject Sample 1	·		2.2	10.7
IR Result	0.000	11:31	·	
EC Result	0.000	11:31		
Blank Test	0.000	11:32		
External Standard	IR	11:33	4 1	
External Standard	EC	11:33		
Blank Test		!		
Subject Sample 2			w # = = =	,
IR Result	22 2 2 E E	:		
EC Result				
Blank Test		:		

# Test Not Complete: Status Code 3

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

Officer Signature

Printed Name

Date 10/18/22 Location: City/State

Location: City/State

# ARAH-0094 Trooper Justin Rumsey Version 5.13, 1.2, 3.0

07/06/2023 Page 203 of 449

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.0

#### **Software Verification Documentation**

Technician: Justin Rumsey

Instrument Serial Number: ARAH-0094

Date(s) Testing Performed: 10-05-2022

Draeger Alcotest 9510 Version info

Date: 05.10.2022

Time: 08:49

Serial: ARAH-0094

WinCE Ver:5.13/8322797 WinCE Checksum:0x5E94 WinCE ImageVer:1.8

Cfg Ver:3.0/8322796 AP Ver:3.0/8322796A NAP Ver:3.0/8322796NA AP/NAP CRC:0xF5EC/0xDA79

Drink. location: 0x6AAA Lifecounter: 53218

Config files:
RecordData\_091
InternalPrinterCfg\_026
TextsInternalPrt\_039
FontsInternalPrt\_001
Parameter\_039
MeasProc\_133
WinCeCfg\_053
ExternalPrtCfg\_106
Texts1ExternalPrt\_0660
AccessRights\_029

Subversion:

10-12-22

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.0

#### Observation times

	Draeger Displayed Time	Entered Time	Result
i.	1015	6015	16 MIN COUNTDOWN
ii.	1016	1001	1 new courpown
iii.	1017	1916	15 MIN COUT POWN
iv.	1019	1920	" ODSERVATON START TIME TO VACTO BETWEEN \$19 and 1019
v.	1920	1100	" ADSERVATEN STATET TENE DI VALED BETWEEN BELD AND LOZO
vi.	1921	1300	" ABSETVATON START TEME DS VALLO BETVEEN OF 21 AND LOTY
vii.	1023	9823	BELAN TESTENS PROCESS
viii.	1024	2823	"ODSERVATEN START TENE IS VALED BETWEEN 0824 aND INCH
ix.	1025	0824	"ODSERVATEN START TENE DS VALLD BETWEEN 0825 aND 1024 "ODSERVATEN START TENE IS VALLD BETWEEN 0825 AND 1025
x.	The state of the s	1000	Summary time: 1000
Com	ments EVERY Th	HWG VORNED	AS EXPECTED

Data entry

Type of data	Instrumen intended (	t reacted as yes/no)	Comments
Operator Observed Subject Entire Time	🗷 Yes	□ No	
Summary Screen	<b>Æ</b> Yes	□ No	
Subject Smoke, Vomit, Put Anything in Mouth	Yes Yes	□ No	
Citation/Case Number	Yes Yes	□ No	·
County of Arrest	🛛 Yes	□ No	
Collision Involved	☑ Yes	□ No	
Subject drinking at specific drinking establishment	₩ Yes	□ No	
PBT Given	Yes Yes	□ No	
Summary Screen	Yes Yes	□ No	
Scan Operator Card	☑ Yes	□ No	
Summary Screen	<b>121</b> Yes	□ No	
Subject Ethnic Group	¥ Yes	□ No	
Subject Driver License State	<b>⊠</b> Yes	□ No	
Scan WA, OR, ID, and/or NY Licenses	¥☐ Yes	□ No	
License manual entry	Yes Yes	□ No	
Gender "X"	<b>⊠</b> Yes	□ No	
Summary	120 Yes	□ No	
Breath Test	<b>Ø</b> Yes	□ No	
Printed Document	¥ Yes	□ No	
Comments			

I Porn

• WINCE: 8322797 VERSION 5.13 • M16: 8322798 VERSION 1.2 • CONFIG: 8322796 VERSION 3.0

	AT .	~	
Breath	L Act	Sceno	MINC
DICALII	1 (3)	DUCHA	11103

Breath Test Scenarios	_
Type of scenario	Instrument reacted as intended (yes/no)
Not meeting sampling parameter, then continue	<b>੯</b> Yes □ No
Meeting sampling parameters	<b>☑</b> Yes □ No
Allow two minutes to pass - Verify "Refusal" & "Incomplete" are displayed/Printout	☑ Yes □ No
Press "Stop" - verify "Refusal," "Incomplete," & "Continue" are displayed/Printout	☑ Yes ☐ No
Comments	
Supervisor Test	
Type of scenario	Instrument reacted as intended (yes/no)
Active Cylinder 1; Cylinder set to 2 during Supervisor Test/Printout	☑ Yes □ No
Active Cylinder 2; Cylinder set to 1 during Supervisor Test/Printout	☑ Yes □ No
Comments	
Reprint function	
Type of scenario	Instrument reacted as intended (yes/no)
Verify information is displayed on the "Reprint screen" after selecting a record to be reprinted. Reprint selected document.	☑ Yes □ No
Verify identified items ARE listed as reprint options	☑ Yes ☐ No
Verify identified items are NOT listed as reprint options	☑ Yes ☐ No
Comments	
Daylight Saving Time Change	
Type of scenario	Instrument reacted as intended (yes/no)
Time change on March 12, 2023	☑ Yes □ No
Time change on November 6, 2022	<b>♥</b> Yes □ No
Comments	
Cylinder Change	
Type of scenario	Instrument reacted as intended (yes/no)
Cylinder Change & Printout	KÎ Yes □ No
Comments	

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.0

	Conditional	Disabling	Algorithm -	<b>Evidential</b>	Mode
--	-------------	-----------	-------------	-------------------	------

Type of scenario	Instrument Out of Service (yes/no)
CAL. STANDARD FAILED – allowed to continue	¥ Yes □ No
CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED	<b>Ž</b> Yes □ No
CAL. STANDARD FAILED – followed by INHALATION DETECTED	¥ Yes □ No
CAL. STANDARD FAILED – followed by CHECK AIRWAY	¥ Yes □ No
Comments FIRER WAS DETECTED 134T WAT DESKALVED PURBLING SEQUENCE STEPPED AS SOON AS & BLOCKED OF DEPLAY BLANKED AND ALLANGO	

Conditional Disabling Algorithm - Training Mode

Type of scenario	Instrument Out of Service (yes/no)
CAL. STANDARD FAILED – allowed to continue then placed into Evidential Mode	☑ Yes ☐ No
CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED then placed into Evidential Mode	☑ Yes □ No
CAL. STANDARD FAILED – followed by INHALATION DETECTED then placed into Evidential Mode	∇ Yes
CAL. STANDARD FAILED – followed by CHECK AIRWAY then placed into Evidential Mode	☑ Yes □ No
SAME AS ABOVE FOR INHALATON AND CH DID DOSNAY BLANTAG NOT ALLAND	Beis AIRLAY 134T

Cal	gas	sun	nlv	status	code

Type of scenario	Instrument Out of Service (yes/no)
CAL GAS SUPPLY – allowed to continue	K Yes □ No
Comments	

**Polling Data** 

Verify polling data reflects information from breath test (gender selection, license information, etc).

Comments when pautous the enginement expendences of the pautous of

BUT LITEN FT IS MANUALLY PAUFID THERE VERE NO PILES LAADED TO THE 4313 1) RIVE. Other comments:

THE STUCIS RECERD WAS FILE TYPE 18 WHICH IS "ENFORMATION"
MULTIPLE ATTENTYS TO POUTHE ENTIRE MENT WERE NOT
SMULESSAL. AU TESTEND RECORDS AND AM PEUTS WERE OBTAINED.
PRENT DIES

PREM OUT
FROM HANDWARE
ENROR

Error[124]MAIN-SYSTEM
HW ERROR CALL 121
rcv\_timeout: 0018300
rcv\_timeout: 0000001
rcv\_timeout: 0000000
ack\_received\_u8 1
button 255
uart1\_rcv\_status 0
com\_control\_u8 2

BAC Technician Software Validation Documentation

Page 4 of 4

Page 200 of 449 12. 22

# WASHINGTON STATE PATROL EVIDENTIARY SUBJECT TEST

ALCOTEST 9510 SERIAL NUMBER ARAH-0094 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 10/05/2022

Analysis Date: 10/05/2022

Observation Period Began: 12:00 Citation/Case Number: TEST

Operator Name: RUMSEY/ JUSTIN/ - Subject Name: AXTMAN/ JOHN/ - Subject Date of Birth: 01/01/1950 External Standard Lot: 630251

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	12:50		
Internal Standard	VERIFIED	12:50		
Subject Sample 1		•	2.0	7.9
IR Result	0.000	12:51		
EC Result	0.000	12:51	•	
Blank Test	0.000	12:52		
External Standard II	R	12:53		
External Standard E	C	12:53		
Blank Test		:		
Subject Sample 2				
IR Result		:		
EC Result		:		
Blank Test				

## Test Not Complete: Status Code 3

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.
Officer Signature
Printed Name
Date N-05-22 Location: City/State Allim, VA

# WASHINGTON STATE PATROL TRAINING SUBJECT TEST

ALCOTEST 9510 SERIAL NUMBER ARAH-0094 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 10/05/2022

Analysis Date: 10/05/2022

Observation Period Began: 12:00 Citation/Case Number: TEST

Operator Name: RUMSEY/ JUSTIN/ -Subject Name: AXTMAN/ JOHN/ -Subject Date of Birth: 01/01/1950 External Standard Lot: 630251

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	12:40		
Internal Standard VE	RIFIED	12:41		
Subject Sample 1			1.8	8.8
IR Result	0.000	12:41		
EC Result	0.000	12:41		
Blank Test	0.000	12:42		
External Standard IR	0.049	12:43		
External Standard EC	0.049	12:43		
Blank Test		:		
Subject Sample 2				
IR Result				
EC Result				
Blank Test				

## Test Not Complete: Status Code 21

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.
Officer Signature
Printed Name
Date 19-91-22 Location: City/State XANDA, VA

# WASHINGTON STATE PATROL TRAINING SUBJECT TEST

ALCOTEST 9510 SERIAL NUMBER ARAH-0094 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 10/05/2022

Analysis Date: 10/05/2022

Observation Period Began: 12:00 Citation/Case Number: TEST

Operator Name: RUMSEY/ JUSTIN/ - Subject Name: AXTMAN/ JOHN/ - Subject Date of Birth: 01/01/1950 External Standard Lot: 630251

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	12:32		
Internal Standard VE	RIFIED	12:32		
Subject Sample 1			1.9	9.0
IR Result	0.000	12:33		
EC Result	0.000	12:33		
Blank Test	0.000	12:34		
External Standard IR	0.049	12:35		
External Standard EC	0.049	12:35		
Blank Test		:		
Subject Sample 2				
IR Result				•
EC Result		:		
Blank Test		:		

# Test Not Complete: Status Code 21

I declare under penalty of	of perjury under the law of	Washington that the forego	oing is true and correct.
Officer Signature	200		
Printed Name	YTH RUNSEY		
Date 10-15-22	Location: City/State	YAISZM, LA	

# WASHINGTON STATE PATROL EVIDENTIARY SUBJECT TEST

ALCOTEST 9510 SERIAL NUMBER ARAH-0094 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 10/05/2022

Analysis Date: 10/05/2022

Observation Period Began: 11:30 Citation/Case Number: TEST

Operator Name: RUMSEY/ JUSTIN/ - Subject Name: AXTMAN/ JOHN/ - Subject Date of Birth: 01/01/1950 External Standard Lot: 630251

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	12:16		
Internal Standard VE	RIFIED	12:17		
Subject Sample 1			2.1	7.5
IR Result	0.000	12:17		
EC Result	0.000	12:17		
Blank Test	0.000	12:18		
External Standard IR	0.049	12:19		
External Standard EC	0.049	12:19		
Blank Test		:		
Subject Sample 2			m = = = =	,,,, ,
IR Result		:		
EC Result		:		
Blank Test		:		

## Test Not Complete: Status Code 21

I declare under penalty of perjury under the law	of Washington that the foregoing is true and correct.
Officer Signature	
Printed Name	<i>,</i>
Date 10-47-2022 Location: City/State	YARTM, WA

# Washington State Patrol External Standard Change

Sequential Test #: 1119 11/06/2022 Test Date: WASHINGTON Location: **Breath Test Instrument Information** QAP Date Model Serial Number ARAH-0094 10/05/2022 Alcotest 9510 **Drygas Cylinder External Standard Information** Lot Number Concentration Expiration Inlet 04/06/2023 CAL GAS INLET 1 0.080 1308463 **External Standard Test Details Function** Result Time g/210L HH:MM 01:08 Blank Test 0.000 External Standard IR 0.079 01:09 External Standard EC 0.078 01:09 0.000 01:10 Blank Test 0.079 01:10 External Standard IR External Standard EC 01:10 0.079 0.000 01:12 Blank Test 01:12 0.079 External Standard IR 01:12 External Standard EC 0.078 Blank Test 0.000 01:12 External Standard Change Results: CYLINDER INSTALLATION SUCCESSFUL

**Operator Information** 

Operator: JUSTIN RUMSEY

Signature:

Sig. Date:

1-15-2022

## Washington State Patrol Supervisor Test

Test Date: <u>10/05/2022 11:40</u>		Sequential Test #:	1117
Breath Test I	Instrument Information		
Model	Alcotest 9510	Serial Number:	ARAH-0094

# **External Standard Test Details**

Function	Result	Time
	g/210L	HH:MM
Diagnostic	ŌK	11:40
Blank Test	0.000	11:40
External Standard IR	0.049	11:40
External Standard EC	0.049	11:40
Blank Test	0.000	11:41
Diagnostic	OK	11:41

Operator: Just Runk?

Signature: Sig. Date: 10-01-22

ALCOTEST 9510 SERIAL NUMBER ARAH-0094 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 10/05/2022

Analysis Date: 10/05/2022

Observation Period Began: 10:00
Citation/Case Number: ABC123
Operator Name: RUMSEY/ JUSTIN/ Subject Name: AXTMAN/ JOHN/ Subject Date of Birth: 01/01/1950
External Standard Lot: 1428765

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	11:36		
Internal Standard	VERIFIED	11:37		
Subject Sample 1				
IR Result		11:37		
EC Result		11:37		
Blank Test		:		
External Standard II	R			
External Standard E	C			
Blank Test		;		
Subject Sample 2				
IR Result		:		
EC Result		:		
Blank Test		:		

## Test Result: SUBJECT REFUSED

I declare under penalty	of perjury under the law o	f Washington that the	e foregoing is true and correct.
Officer Signature	16		
Printed Name	USTIN RUMBEY		
Data 10-15-22	Location: City/State	XXUERA WA	

ALCOTEST 9510 SERIAL NUMBER ARAH-0094 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 10/05/2022

Analysis Date: 10/05/2022

Observation Period Began: 10:00
Citation/Case Number: ABC123
Operator Name: RUMSEY/ JUSTIN/ Subject Name: AXTMAN/ JOHN/ Subject Date of Birth: 01/01/1950
External Standard Lot: 1428765

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	11:35		
Internal Standard	VERIFIED	11:35		
Subject Sample 1				
IR Result		11:36		
EC Result		11:36		
Blank Test	m = =	:		
External Standard	IR	:		
External Standard	EC	:		
Blank Test	and 1000 Feet 1000 Teet	:		
Subject Sample 2				
IR Result		:		
EC Result				
Blank Test		:		

## Test Result: TEST INCOMPLETE

l declare under penalty o	of perjury under the law	of Washington that t	he foregoing is true and correct.
Officer Signature	0		-
Printed Name	isth Runsey		
Date 10-45-22	Location: City/State	Y'AITTM WA	

# **WASHINGTON STATE PATROL**

**EVIDENTIARY SUBJECT TEST**ALCOTEST 9510 SERIAL NUMBER ARAH-0094 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 10/05/2022

Analysis Date: 10/05/2022

Observation Period Began: 10:30 Citation/Case Number: ABC123 Operator Name: RUMSEY/ JUSTIN/ -Subject Name: AXTMAN/ JOHN/ -Subject Date of Birth: 01/01/1950 External Standard Lot: 1428765

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	11:24		
Internal Standard VE	RIFIED	11:25		
Subject Sample 1			2.2	9.5
IR Result	0.000	11:25		
EC Result	0.000	11:25	•	
Blank Test	0.000	11:26		
External Standard IR	0.079	11:27		
External Standard EC	0.078	11:27		
Blank Test	0.000	11:29		
Subject Sample 2			2.2	9.2
IR Result	0.000	11:29		
EC Result	0.000	11:29		
Blank Test	0.000	11:30		

I declare under penalty o	of perjury under the law of	Washington th	nat the forego	ing is true and c	orrect.
Officer Signature		•			
Printed Name	ATTY RUMNITY				
Date [0-05-27	Location: City/State	YAlIEMA	WA		

RE PRIM

# WASHINGTON STATE PATROL EVIDENTIARY SUBJECT TEST

ALCOTEST 9510 SERIAL NUMBER ARAH-0094 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 10/05/2022

Analysis Date: 10/05/2022

Observation Period Began: 10:00
Citation/Case Number: ABC123
Operator Name: RUMSEY/ JUSTIN/ Subject Name: AXTMAN/ JOHN/ Subject Date of Birth: 01/01/1950
External Standard Lot: 1428765

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	11:36		*
Internal Standard	VERIFIED	11:37		
Subject Sample 1				
IR Result		11:37		
EC Result		11:37		
Blank Test				
External Standard	IR	:		
External Standard	EC	:		
Blank Test		:		
Subject Sample 2				
IR Result		:		
EC Result		:		
Blank Test				

## Test Result: SUBJECT REFUSED

declare under penalty	of perjury under the law o	of Washington that th	ne foregoing is true and correct.
Officer Signature	10)		
Printed Name <i>Jw</i>	TIN RUMJEY		
Date 10-95-22	Location: City/State	KAISTM WA	

## DRAEGER ALCOTEST 9510 CALIBRATION/ADJUSTMENT RECORD

**SERIAL NUMBER:** 

ARAH-0094

**SOFTWARE VER.:** 

8322798 1.2

CONFIG. VER.:

8322796 3.0

**TECHNICIAN:** 

JUSTIN RUMSEY

TIME/DATE BEGAN: 08:54 10/05/2022

CALIBRATION ADJUSTMENT PERFORMED:

BATCH#: 202108D

**REF VALUE:** 0.0803

**SIM#:** DR4972

**THERM#:** DR4972

#### **CALIBRATION PROCEDURE**

Results Units g/210L

Simulator #	DR	4487	DR4	972	DR	4983	DF	34489
Sim Thermometer #	DR	4487	DR4	972	DF	R4983	DF	R4489
QAP Batch #		2011B	2022	203B	20:	2106C	20	2106D
Reference Value		407	0.08	07	0.1	512	0.2	2006
Sim Temp 34.0°C ±	<u> </u>							
0.2°C Before?	ΥE	9	YES	:	YE	S	YE	S
0.2 C Belore?					IR	EC	IR	EC
	IR	EC	IR	EC				
1	0.039	0.039	<u>0.079</u>	0.079	0.149	0.148	0.199	<u> </u>
2	0.039	0.039	0.079	0.080	0.148_	<u>0.149</u>	0.198	0.198
3	0.039	0.039	0.079	0.080_	0.149	0.149	0.198	0.198
4	0.039	0.039	0.079	0.080	0.149	<u>0.150</u>	0.198	<u> </u>
5	0.039	0.039	0.079	0.080	0.149	0.150	0.198	0.198
Sim Temp 34.0°C ±		-						
0.2°C After?	YE	S	YES	3	YE	S	Y	<u> </u>
	0.0390	0.0390	0.0790	0.0798	0.1488	0.1492	0.1982	<u>0.1978</u>
SD	0.0000	0.0000	0.0000	0.0004	0.0004	0.0008	0.0004	0.0004
Bias %	-4.18	-4.18	-2.11	-1.12	-1.59	1.32	-1.20	-1.40
	0.00	0.00	0.00	0.50	0.27	0.54	0.20	0.20
	,							
COMPLETE BREATH 1	reet.	YFS	ESS LOT#:	1308463		EXP DATE:	04/06/20	23

COMPLETE BREATH TEST:

INTERFERENCE TEST:

YES

BATCH#: 202203B ACETONE LOT#: JR20220202

SIM#:

DR4972 THERM#: DR4972

**INVALID SAMPLE:** 

YES

REFERENCE BAROMETER S/N:

410004SU

**COMMENTS:** 

AS FOUND ESS RESULT:

JUSTIN RUMSEY Technician Name

10-05-2022

Time/Date Procedure Completed

ALCOTEST 9510 SERIAL NUMBER ARAH-0094 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 10/05/2022

Analysis Date: 11/06/2022 OBSERVATEN PRONTO FALL DAY CHOLIFT SAVENOS

Observation Period Began 01:45 Citation/Case Number: TEST

Operator Name: RUMSEY/ JUSTIN/ -Subject Name: AXTMAN/ JOHN/ -Subject Date of Birth: 01/01/1950 External Standard Lot: 1428765

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	Volume liters	<b>Blowtime</b> seconds
Blank Test	0.000	01:02		
Internal Standard V	ERIFIED	01:03		
Subject Sample 1				
IR Result		01:03		
EC Result		01:03		
Blank Test	AND STR. 100 SER SER SER			
External Standard IR		:		
External Standard EC	)	:		
Blank Test		:		
Subject Sample 2				
IR Result		;		<b>\</b>
EC Result				,
Blank Test		:		

Test Result: SUBJECT REFUSED

Date 10-45-2077 Location: City/State \_\_\_

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

Officer Signature

Printed Name

TwTW MMSE,V

WASHINGTON STATE PATROL EVIDENTIARY SUBJECT TEST ALCOTEST 9510 SERIAL NUMBER ARAH-0094 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 10/05/2022

Analysis Date: 10/05/2022

Observation Period Began: 12:00 Citation/Case Number: TEST

Operator Name: RUMSEY/ JUSTIN/ -Subject Name: AXTMAN/ JOHN/ -Subject Date of Birth: 01/01/1950 External Standard Lot: 630251

INHALATEN

Breath Analysis	Result g/210L	Time hh:mm	Volume liters	Blowtime seconds
Blank Test	0.000	12:24		
Internal Standard VE	RIFIED	12:24		
Subject Sample 1			1.8	7.4
IR Result	0.000	12:25		
EC Result	0.000	12:25	,	
Blank Test	0.000	12:26		
External Standard IR	0.049	12:27		
External Standard EC	0.049	12:27		
Blank Test		!		
Subject Sample 2				eq
IR Result		:		
EC Result	-	:		
Blank Test		:		

## Test Not Complete: Status Code 21

I declare under penalty of perjury under the la	w of Washington that the foregoing is true and correct.
Officer Signature	·
Printed Name Justin Rums (A)	
Date(I-ar-22Location: City/State	e XAISEM, WA

# ARKA-0041 Trooper Chris Hooper Version 5.13, 1.2, 3.0

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WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.0

#### **Software Verification Documentation**

Technician: Christopher Hooper

**Instrument Serial Number:** 

Date(s) Testing Performed: 10-05-2022

Draeger Alcotest 9510 Version info

Date: 05.10.2022 Time: 08:38

Serial: ARKA-0041

M16 Ver:1.2/8322798 M16 Checksum:0x3F84 BTL Ver:1.5/8323536

WinCE Ver:5.13/8322797 WinCE Checksum:0x5E94 WinCE ImageVer:1.8

Cfg Ver:3.0/8322796 AP Ver:3.0/8322796A NAP Ver:3.0/8322796NA AP/NAP CRC:0xF5EC/0xDA79

Drink. location: 0x6AAA Lifecounter: 3365

Config files:
RecordData\_091
InternalPrinterCfg\_026
TextsInternalPrt\_039
FontsInternalPrt\_001
Parameter\_039
MeasProc\_133
WinCeCfg\_053
ExternalPrtCfg\_106
Texts1ExternalPrt\_066
AccessRights\_029

Subversion: WA

527

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.0

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"	hcar	vatior	ı tım	29

	Draeger Displayed Time	Entered Time	Result
i.	1015	1015	16 min count down
ii.	1018	1003	count down Imin
iii.	1020	1019	15 min count down
iv.	1021	1022	Observation Start time is valid between 0821-104
v.	1023	1100	observation start time is valid between 0823 - 1025
vi.	1024	1300	Observation Start time valid netween 0824- 1024
vii.	1025	೮४८५	vent/began testing
viii.	1027	0826	observation startime valid between 0827-1027
ix.	1029	0828	Observation start time Valid between 0829-1029
X.		1000	Summary time: 1000
Com	ments	ever	ything werk as expected

Data entry

Type of data	Instrument reacted as intended (yes/no)			Comments
Operator Observed Subject Entire Time	V y	es es	□ No	
Summary Screen	Y	'es	□ No	
Subject Smoke, Vomit, Put Anything in Mouth	<b></b>	es es	□ No	
Citation/Case Number	<b>▼</b> Y	es es	□ No	
County of Arrest	<b>Y</b>	es	□ No	
Collision Involved	Y	'es	□ No	
Subject drinking at specific drinking establishment	<b>⊠</b> y	es	□ No	·
PBT Given	TY Y	es.	□ No	
Summary Screen	☐ Y	'es	□ No	
Scan Operator Card	ŬÝ	es	□ No	
Summary Screen	<b>Y</b> Y	es	□ No	
Subject Ethnic Group	Y Y	'es	□ No	
Subject Driver License State	Y	es es	□ No	
Scan WA, OR, ID, and/or NY Licenses	Y		□ No	
License manual entry	<b>☑</b> Y	'es	□ No	
Gender "X"	<b>☑</b> Y	'es	□ No	
Summary	<b>₫</b> y	'es	□ No	
Breath Test	<b>▼</b> y	'es	□ No	
Printed Document	<b>Y</b>	'es	□ No	
Comments				
				,

527 1015/22

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.0

Breath Test Scenarios	
Type of scenario	Instrument reacted as intended (yes/no)
Not meeting sampling parameter, then continue	✓Yes □ No
Meeting sampling parameters	✓ Yes □ No
Allow two minutes to pass - Verify "Refusal" & "Incomplete" are displayed/Printout	☑ Yes ☐ No
Press "Stop" - verify "Refusal," "Incomplete," & "Continue" are displayed/Printout	☐ Yes ☐ No
Comments	
Supervisor Test	
Type of scenario	Instrument reacted as intended (yes/no)
Active Cylinder 1; Cylinder set to 2 during Supervisor Test/Printout	☐ Yes ☐ No
Active Cylinder 2; Cylinder set to 1 during Supervisor Test/Printout	□ Ves □ No
Comments	
Reprint function	
Type of scenario	Instrument reacted as intended (yes/no)
Verify information is displayed on the "Reprint screen" after selecting a record to be reprinted. Reprint selected document.	□Yes □ No
Verify identified items ARE listed as reprint options	☐ Yes □ No
Verify identified items are NOT listed as reprint options	☐ Yes ☐ No
Comments	
Daylight Saving Time Change	
Type of scenario	Instrument reacted as intended (yes/no)
Time change on March 12, 2023	□Ves □ No
Time change on November 6, 2022	□YYes □ No
Comments	
Cylinder Change	
Type of scenario	Instrument reacted as intended (yes/no)
Cylinder Change & Printout	Yes No

527 1015/20

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.0

Conditional Disabling A	lgorithm –	<b>Evidential</b>	Mode
-------------------------	------------	-------------------	------

Type of scenario	Instrument Out of Service (yes/no)
CAL. STANDARD FAILED – allowed to continue	Yes □ No
CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED	✓ Yes □ No
CAL. STANDARD FAILED – followed by INHALATION DETECTED	Yes □ No
CAL. STANDARD FAILED – followed by CHECK AIRWAY	☐ Yes ☐ No
Comments error was dutester but not displayed stopped the pursing sequence and phase	
Stopped the poistry sequence and product	

Conditional Disabling Algorithm - Training Mode

Type of scenario	Instrument Out of Service (yes/no)
CAL. STANDARD FAILED – allowed to continue then placed into Evidential Mode	May Yes □ No
CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED then placed into Evidential Mode	<b>□</b> ∕Yes □ No
CAL. STANDARD FAILED – followed by INHALATION DETECTED then placed into Evidential Mode	<b>Y</b> Yes □ No
CAL. STANDARD FAILED – followed by CHECK AIRWAY then placed into Evidential Mode	Yes □ No
Comments  Some as above. Does not display out of service.	code but soes

Cal gas supply status code

Type of scenario	Instrumer	nt Out of Service (yes/no)
CAL GAS SUPPLY – allowed to continue	Yes	□ No
Comments		
Polling Data		
Verify polling data reflects information from breath test (gender selection, license information, etc).	Ŭ Yes	□ No
Comments		

#### Other comments:

527 1015122

## DRAEGER ALCOTEST 9510 CALIBRATION/ADJUSTMENT RECORD

**SERIAL NUMBER:** 

ARKA-0041

**SOFTWARE VER.:** 

8322798 1.2

**CONFIG. VER.:** 

8322796 3.0

**TECHNICIAN:** 

C. HOOPER

TIME/DATE BEGAN: 08:45 10/05/2022

CALIBRATION ADJUSTMENT PERFORMED:

BATCH#: 202108D

**REF VALUE:** 0.0803

SIM#: DR4972

THERM#: DR4972

#### **CALIBRATION PROCEDURE**

Results Units g/210L

Simulator #	DF	R4487	DF	R4972	DF	R4983	DF	R4489	
Sim Thermometer #	DF	R4487	DF	DR4972		DR4983		DR4489	
QAP Batch #	20:	2011B	20	202203B		202106C		202106D	
Reference Value	0.0	)407	0.0	0.0807		0.1512		0.2006	
Sim Temp 34.0°C ±									
0.2°C Before?	YE	S	YE	<u> </u>	YE	S	YE	S	
	IR	EC	IR	EC	IR	EC	IR	EC	
1	0.040	0.039	0.079	0.077	<u>0.152</u>	0.150	0.203	0.197	
2	0.040	0.039	0.080	0.079	<u>0.152</u>	0.150	0.203	0.198	
3	0.040	0.040	0.081	0.079	<u>0.152</u>	0.150	0.203	0.197	
4	0.040	0.040	0.081	0.079	0.152	0.150	0.203	0.198	
5	0.040	0.040	_0.080_	0.080	0.152	0.150	0.203	0.196	
Sim Temp 34.0°C ±									
0.2°C After?	YE	S	YE	ES	YE	<u> </u>	Y[	<u> </u>	
Mean	0.0400	0.0396	0.0802	0.0788	0.1520	0.1500	0.2030	0.1972	
SD	0.0000	0.0005	0.0008	0.0011	0.0000	0.0000	0.0000	0.0008	
Bias %	-1.72	-2.70	-0.62	-2.35	0.53	-0.79	1.20	1.69	
CV %	0.00	1.26	1.00	1.40	0.00	0.00	0.00	0.41	

**COMPLETE BREATH TEST:** 

YES\_

ESS LOT#: 1308463

**EXP DATE:** 04/06/2023

INTERFERENCE TEST:

YES

202203B BATCH#:

SIM#: DR4972

ACETONE LOT#: JR20220202

THERM#: DR4972

INVALID SAMPLE:

YES

REFERENCE BAROMETER S/N: 410004SU

**COMMENTS:** 

AS FOUND ESS RESULT:

C. HOOPER Technician Name

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ALCOTEST 9510 SERIAL NUMBER ARKA-0041 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 10/05/2022

Analysis Date: 10/05/2022

Observation Period Began: 10:00 Citation/Case Number: ABC123 Operator Name: HOOPER/ C/ -Subject Name: AXTMAN/ JOHN/ -Subject Date of Birth: 01/01/1950 External Standard Lot: 302-402246244

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	11:20		
Internal Standard VE	RIFIED	11:20		
Subject Sample 1			1.9	6.1
IR Result	0.000	11:21		
EC Result	0.000	11:21		
Blank Test	0.000	11:22		
External Standard IR	0.082	11:22		
External Standard EC	0.079	11:22		
Blank Test	0.000	11:24		
Subject Sample 2			2.2	6.3
IR Result	0.000	11:24		
EC Result	0.000	11:24		
Blank Test	0.000	11:25		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

Officer Signature

Printed Name

C. Hoseper

Date 1018/27 Location: City/State Yaluma, wt

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

ALCOTEST 9510 SERIAL NUMBER ARKA-0041 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 10/05/2022

Analysis Date: 10/05/2022

Observation Period Began: 11:00 Citation/Case Number: ABC123 Operator Name: HOOPER/ C/ -Subject Name: AXTMAN/ JOHN/ -Subject Date of Birth: 01/01/1950 External Standard Lot: 302-402246244

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	11:29		
Internal Standard		11:29		
Subject Sample 1				
IR Result		;		
EC Result				
Blank Test		:		
External Standard IR	_ ~ ~ ~ = =	:		
External Standard EC		:		
Blank Test				
Subject Sample 2				
IR Result		!		
EC Result		:		
Blank Test		;		

## Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

Officer Signature

C. Hoey

Date 1015/72 Location: City/State Yalkima, WA

## Washington State Patrol Supervisor Test

Test Date:	10/05/2022 11:32	Sequential Test #:		214
Breath Test Ir	strument Information			
Model	Alcotest 9510	Serial Numbe	r: <u>Al</u>	RKA-0041
External Stan	dard Test Details			
	Function	Result g/210L	Time HH:MM	
	Diagnostic Test failed, Status	ÖK 3	11:32	
	Diagnostic	ок	11:32	
Operator:	CiHOOper			
Signature:	an		Sig. Date	: 1015/22

# Washington State Patrol Supervisor Test

Test Date:	10/05/2022 11:33	Sequential Te	st #:	1215
	nstrument Information	·	e e	
Model	Alcotest 9510	Serial Numbe	r:	ARKA-0041
External Stan	dard Test Details			•
	Function  Diagnostic Blank Test External Standard IR External Standard EC Blank Test Diagnostic	Result g/210L OK 0.000 0.082 0.080 0.000 OK	Time HH:MM 11:33 11:33 11:34 11:34 11:34 11:35	<u>v</u>
Operator:	C. lloefor			
Signature:			Sig. Da	ite: 1015/22

ALCOTEST 9510 SERIAL NUMBER ARKA-0041 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 10/05/2022

Analysis Date: 10/05/2022

Observation Period Began: 11:00
Citation/Case Number: ABC123
Operator Name: HOOPER/ C/ Subject Name: AXTMAN/ JOHN/ Subject Date of Birth: 01/01/1950
External Standard Lot: 302-402246244

Breath Analysis	Result g/210L	Time hh:mm	Volume liters	<b>Blowtime</b> seconds
Blank Test	0.000	11:29		
Internal Standard		11:29	,	
Subject Sample 1				
IR Result		:		
EC Result		:		
Blank Test		;		
External Standard IR		:		
External Standard EC		!		
Blank Test		:		
Subject Sample 2				
IR Result		;		
EC Result		:		
Blank Test		:		

## Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

Officer Signature

Printed Name

Colleger

Date

Location: City/State

Value

Washington that the foregoing is true and correct.

### **Washington State Patrol** External Standard Change

Test Date:

10/05/2022

Sequential Test #:

1216

Location:

WASHINGTON

**Breath Test Instrument Information** 

Model

Serial Number

QAP Date

Alcotest 9510

ARKA-0041 10/05/2022

**Drygas Cylinder External Standard Information** 

Lot Number

Concentration 0.080 Expiration

Inlet

302-402246244

10/12/2024 CAL GAS INLET 1

**External Standard Test Details** 

Result	Time
g/210L	<u>HH:MM</u>
0.000	11:57
0.081	11:57
0.080	11:57
0.000	11:58
0.081	11:58
0.080	11:58
0.000	12:00
0.081	12:00
0.080	12:00
0.000	12:00
	g/210L 0.000 0.081 0.080 0.000 0.081 0.080 0.000 0.081 0.080

External Standard Change Results: CYLINDER INSTALLATION SUCCESSFUL

**Operator Information** 

Operator: CHOOPER

Signature:

Sig. Date:

10/05/2022

# **WASHINGTON STATE PATROL**

EVIDENTIARY SUBJECT TEST ALCOTEST 9510 SERIAL NUMBER ARKA-0041 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 10/05/2022

Analysis Date: 10/05/2022

Observation Period Began: 11:00 Citation/Case Number: TEST Operator Name: HOOPER/ C/ -Subject Name: AXTMAN/ J/ -Subject Date of Birth: 01/01/1950 External Standard Lot: 1329490

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	12:08		·
Internal Standard VE	RIFIED	12:09		
Subject Sample 1			1.9	6.3
IR Result	0.000	12:09		
EC Result	0.000	12:09		
Blank Test	0.000	12:10		
External Standard IR	0.100	12:11		!
External Standard EC	0.097	12:11		
Blank Test		!		
Subject Sample 2				
IR Result		:		
EC Result				
Blank Test		:		

## Test Not Complete: Status Code 21

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.
Officer Signature
Printed Name
Date 10/5/22 Location: City/State Yakıma wa

07/06/2023 Page 233 of 449

ALCOTEST 9510 SERIAL NUMBER ARKA-0041 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 10/05/2022

Analysis Date: 10/05/2022

Observation Period Began: 11:30 Citation/Case Number: ABC123 Operator Name: HOOPER/C/-Subject Name: TEST/TEST/-Subject Date of Birth: 01/01/1950 External Standard Lot: 1329490

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	12:15		
Internal Standard VE	ERIFIED	12:16		
Subject Sample 1			2.1	8.5
IR Result	0.000	12:16		
EC Result	0.000	12:16		
Blank Test	0.000	12:17		
External Standard IR	0.101	12:18		
External Standard EC	0.097	12:18		
Blank Test		:		
Subject Sample 2				
IR Result				
EC Result		:		
Blank Test		:		

## Test Not Complete: Status Code 21

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

Officer Signature

C. Hoeyw

Date 10/5/27 Location: City/State 

Yakımı, WA

# WASHINGTON STATE PATROL TRAINING SUBJECT TEST

ALCOTEST 9510 SERIAL NUMBER ARKA-0041 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 10/05/2022

Analysis Date: 10/05/2022

Observation Period Began: 12:00 Citation/Case Number: ABC123 Operator Name: HOOPER/ C/-Subject Name: TEST/ TEST/-Subject Date of Birth: 01/01/1950 External Standard Lot: 1329490

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	12:31		
Internal Standard VE	RIFIED	12:32		
Subject Sample 1			2.2	6.1
IR Result	0.000	12:33		
EC Result	0.000	12:33		
Blank Test	0.000	12:34		
External Standard IR	0.101	12:34		
External Standard EC	0.097	12:34		
Blank Test		:		
Subject Sample 2				
IR Result		:		
EC Result		:		
Blank Test		:		

## Test Not Complete: Status Code 21

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

Officer Signature

Printed Name

Date

10/5/2 L Location: City/State

Takene, un

Calcume, un

Colored Signature

Colored Signa

07/06/2023 Page 235 of 449

### WASHINGTON STATE PATROL TRAINING SUBJECT TEST

ALCOTEST 9510 SERIAL NUMBER ARKA-0041 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 10/05/2022

Analysis Date: 10/05/2022

Observation Period Began: 12:00 Citation/Case Number: ABC123 Operator Name: HOOPER/ C/-Subject Name: TEST/ TEST/-Subject Date of Birth: 01/01/1950 External Standard Lot: 1329490

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	12:24		
Internal Standard VE	RIFIED	12:25		
Subject Sample 1			2.1	6.2
IR Result	0.000	12:25		
EC Result	0.000	12:25		
Blank Test	0.000	12:26		
External Standard IR	0.101	12:27		
External Standard EC	0.096	12:27		
Blank Test				
Subject Sample 2			also have your over aller	
IR Result		:		
EC Result		:		
Blank Test				

## Test Not Complete: Status Code 21

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

Date 1013/22 Location: City/State Yakıma jun

07/06/2023 Page 236 of 449

ALCOTEST 9510 SERIAL NUMBER ARKA-0041 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 10/05/2022

Analysis Date: 10/05/2022

Observation Period Began: 12:00
Citation/Case Number: ABC123
Operator Name: HOOPER/ C/ Subject Name: TEST/ TEST/ Subject Date of Birth: 01/01/1950
External Standard Lot: 302-402246244

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	12:59		
Internal Standard	VERIFIED	13:00		
Subject Sample 1			2.4	6.0
IR Result	0.000	13:00		
EC Result	0.000	13:00	•	
Blank Test	0.000	13:01		
External Standard	IR	13:02		
External Standard	EC	13:02		
Blank Test	·	and and # 100 mm		
Subject Sample 2				
IR Result		:		
EC Result		:		
Blank Test		:		

## Test Not Complete: Status Code 3

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

# ARKB-0012 Forensic Scientist Shelley Benante Version 5.13, 1.2, 3.0

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WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.0

#### **Software Verification Documentation**

Technician:

**Instrument Serial Number:** 

**Date(s) Testing Performed:** 

Draeger Alcotest 9510 Version info

Date: 04.10.2022

Serial: ARKB-0012

M16 Ver:1.2/8322798 M16 Checksum:0x3F84 BTL Ver:1.5/8323536

WinCE Ver:5.13/8322797 WinCE Checksum:0x5E94 WinCE ImageVer:1.8

Cfg Ver:3.0/8322796 AP Ver:3.0/8322796A NAP Ver:3.0/8322796NA AP/NAP CRC:0xF5EC/0xDA79

Drink. location: 0x6AAA Lifecounter: 25246

Config files:
RecordData\_091
InternalPrinterCfg\_026
TextsInternalPrt\_039
FontsInternalPrt\_001
Parameter\_039
MeasProc\_133
WinCeCfg\_053
ExternalPrtCfg\_106
Texts1ExternalPrt\_066
AccessRights\_029

Subversion:

• WINCE: 8322797 VERSION 5.13 • M16: 8322798 VERSION 1.2 • CONFIG: 8322796 VERSION 3.0

#### Observation times

	Draeger Displayed Time	Entered Time	Result	
i.	10:37	10.37	16 Minute timer began	
ii.	10:40	1025	1 minute timer began	
iii.	10:42	1041	15 Minute timer began	
iv.	10:43	(044	"Observation Start Time" is valid between 0843 and 10	043.
v.	10:46	2245	"Observation Start Time" is valid between OB46 and 1046.	
vi.	10:48	D80O	"Observation Start Time" is valid between 0848 and 1048.	
vii.	1049	0849	proceeds to data entry	
viii.	1051	085D	"Observation Sout Time" is valid between 0851 and 1061	
ix.	1052	0853	proceeds	
x.		0853	Summary time: 0853	
Com	ments			
	·			

Data entry

Type of data	Instrumen intended (	t reacted as yes/no)	Comments
Operator Observed Subject Entire Time	Yes	□ No	
Summary Screen	Yes	□ No	
Subject Smoke, Vomit, Put Anything in Mouth	Yes	□ No	
Citation/Case Number	<b>∇</b> Yes	□ No	
County of Arrest	√Yes	□ No	All counties present
Collision Involved	<b>↓</b> Yes	□ No	
Subject drinking at specific drinking establishment	Yes	□ No	All options present for Noidatabas
PBT Given	<b>√</b> Yes	□ No	All Options present for No; databas
Summary Screen	<b>√</b> Yes.	□ No	
Scan Operator Card	Yes	□ No	
Summary Screen	<b>□</b> Yes	□ No	
Subject Ethnic Group	<b>⊉</b> Yes	□ No	All options present
Subject Driver License State	Yes	□ No	
Scan WA, OR, ID, and/or NY Licenses	Yes	□ No	
License manual entry	Yes	□ No	
Gender "X"	<b>√</b> Yes	□ No	
Summary	Yes	□ No	
Breath Test	Yes	□ No	
Printed Document	Yes	□ No	
Comments	-		

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.0

Type of scenario	Instrumer	t reacted as intended (yes/no)
Not meeting sampling parameter, then continue	Yes	□ No
Meeting sampling parameters	Yes	□ No
Allow two minutes to pass – Verify "Refusal" & "Incomplete" are displayed/Printout	Yes	□ No
Press "Stop" - verify "Refusal," "Incomplete," & "Continue" are displayed/Printout	<b>⊉</b> Yes	□ No
Comments		
Supervisor Test		
Type of scenario	Instrumer	nt reacted as intended (yes/no)
Active Cylinder 1; Cylinder set to 2 during Supervisor Test/Printout	Yes	□ No
Active Cylinder 2; Cylinder set to 1 during Supervisor Test/Printout  Comments   also + ested a . 10 gas	Yes	□ №
	Yes	⊔ No
Comments / also tested a . 10 gas		nt reacted as intended (yes/no)
Comments / also tested a . 10 gas Reprint function	Instrumer Yes	
Comments / also tested a . 10 gas  Reprint function  Type of scenario  Verify information is displayed on the "Reprint screen" after selecting a record to be	Instrumer	nt reacted as intended (yes/no)
Comments   also tested a .10 gas  Reprint function  Type of scenario  Verify information is displayed on the "Reprint screen" after selecting a record to be reprinted. Reprint selected document.	Instrumer Yes	nt reacted as intended (yes/no) □ No
Reprint function  Type of scenario  Verify information is displayed on the "Reprint screen" after selecting a record to be reprinted. Reprint selected document.  Verify identified items ARE listed as reprint options	Instrumer Ves Yes	nt reacted as intended (yes/no) □ No □ No
Reprint function  Type of scenario  Verify information is displayed on the "Reprint screen" after selecting a record to be reprinted. Reprint selected document.  Verify identified items ARE listed as reprint options  Verify identified items are NOT listed as reprint options	Instrumer Ves Yes	nt reacted as intended (yes/no) □ No □ No
Reprint function  Type of scenario  Verify information is displayed on the "Reprint screen" after selecting a record to be reprinted. Reprint selected document.  Verify identified items ARE listed as reprint options  Verify identified items are NOT listed as reprint options  Comments	Instrumer Yes Yes Yes	nt reacted as intended (yes/no) □ No □ No

Cylinder Change

Comments

Time change on November 6, 2022

Cynnder Change		
Type of scenario	Instrume	nt reacted as intended (yes/no)
Cylinder Change & Printout	Yes	□ No
Comments		

Yes

□ No

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.0

Conditional Disabling Algorithm – Evidential Mode	
Type of scenario	Instrument Ou

Type of scenario	Instrument Out of Service (yes/no)
CAL. STANDARD FAILED – allowed to continue	<b>V</b> Yes □ No
CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED	☐ res ☐ No
CAL. STANDARD FAILED – followed by INHALATION DETECTED	✓ Yes □ No
CAL. STANDARD FAILED – followed by CHECK AIRWAY	<b>♥</b> Yes □ No
Did not get "Blowing Not Allowed" when I the attempt. Discovered the Dlow had to be at the	ew into instrument on first L READY Screen.

Conditional Disabling Algorithm - Training Mode

Conditional Disabiling 1xigoritim 11aming 1xiout	· Lancaca concentration concentration	
Type of scenario	Instrument	Out of Service (yes/no)
CAL. STANDARD FAILED – allowed to continue then placed into Evidential Mode	Yes	□ No
CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED then placed into Evidential Mode	Yes	□ No
CAL. STANDARD FAILED – followed by INHALATION DETECTED then placed into Evidential Mode	Yes	□ No
CAL. STANDARD FAILED – followed by CHECK AIRWAY then placed into Evidential Mode	Yes	□ No
Comments Check alrway never came up but purging when alrways were blocked.	Stopp	ed abruptly

Cal gas supply status code

8		The state of the s		
Type of scenario		Instrument Out of Service (yes/no)		
CAL GAS SUPPLY – allowed to continue	<b>v</b> □ Yes	□ No		
Comments				
Polling Data				
Verify polling data reflects information from breath test (gender selection, license	12 Yes	□ No		

Other comments:

information, etc).
Comments

Printouts for errors were occurring when they had not for previous version

## **DRAEGER ALCOTEST 9510 CALIBRATION/ADJUSTMENT RECORD**

SERIAL NUMBER:	ARKB-0012							
SOFTWARE VER.:	8322798 1.2	2						
CONFIG. VER.:	8322796 3.0	)						
TECHNICIAN:	BENANTE							
TIME/DATE BEGAN:	08:59 10/04	/2022						
CALIBRATION ADJUS BATCH#:	STMENT PER 202110C		YES <b>EF VALUE:</b> <u>0</u> .		<b>SIM#:</b> <u>DR4</u>	536	THERM#: [	DR4536
			<b>CALIBRATI</b> Resu	ON PROCE Its Units g/2				
Simulator #	DR	4768	DR	4767	DF	R4492	DF	R4531
Sim Thermometer #		4768		4767		R4492		R4531
QAP Batch # Reference Value	0.0	205C	0.08	108D 303		2111F 1506		2106D 2006
Sim Temp 34.0°C ±	0.0	102	0.00	300		1000		
0.2°C Before?	YE		YES		YE		YE	
	0.039 0.039 0.039 YE: 0.0392 0.0004 -2.49 1.02	EC 0.039 0.039 0.040 0.040 0.040 S 0.0394 0.0005 -1.99 1.27 YES YES	0.081 0.081 0.081 0.081 0.080 YES 0.0808 0.0004 0.62 0.50 ESS LOT#:	0.0810 0.0000 0.87 0.00 302-4023		0.1500 0.0007 -0.40 0.47 EXP DATE		0.1978 0.0016 -1.40 0.81
			ACETONE	L <b>OT#:</b> <u>JV2</u>	0190410	THERM#:	DR4536	
INVALID SAMPLE:		_YES						
REFERENCE BAROM	ETER S/N:	4100048	SZ					
COMMENTS:								
AS FOUND ESS RESU	JLT:	IR: ∧	A	EC: N			/ /	
BENANTE C	She	lles	INS	$\bigcirc$		10:11	$\frac{10}{4}$ z contains the Procedure	122
Technician Name		Signatur	е			rime/Da	te Procedure	Completed

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ALCOTEST 9510 SERIAL NUMBER ARKB-0012 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 07/14/2022

Analysis Date: 10/04/2022

Observation Period Began: 10:45 Citation/Case Number: TEST

Operator Name: BENANTE/ SHELLEY/ R Subject Name: TEST/ SCHMOE/ N Subject Date of Birth: 10/10/1950

Subject Date of Birth: 10/10/1950 External Standard Lot: 1391343

Breath Analysis	Result g/210L	Time hh:mm	Volume liters	Blowtime seconds
Blank Test	0.000	11:18		
Internal Standard VE	RIFIED	11:19		
Subject Sample 1			2.1	6.1
IR Result	0.000	11:19		
EC Result	0.000	11:19		
Blank Test	0.000	11:20		
External Standard IR	0.078	11:21		
External Standard EC	0.076	11:21		
Blank Test	0.000	11:22		
Subject Sample 2			2.4	6.6
IR Result	0.000	11:23		
EC Result	0.000	11:23		
Blank Test	0.000	11:24		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

Printed Name

Date 10/4/2022 Location: City/State Se

07/06/2023

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ALCOTEST 9510 SERIAL NUMBER ARKB-0012 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 07/14/2022

Analysis Date: 10/04/2022

Observation Period Began: 11:30 Citation/Case Number: TEST

Operator Name: BENANTE/ SHELLEY/ R Subject Name: SAMPLE/ BRENDA/ LYN

Subject Date of Birth: 10/01/2000 External Standard Lot: 1391343

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	11:56		
Internal Standard	VERIFIED	11:56		
Subject Sample 1			600 Sale 100 Tell 100	
IR Result		11:57		
EC Result		11:57		
Blank Test				
External Standard	IR	:		
External Standard	EC	:		
Blank Test		:		
Subject Sample 2				
IR Result		:		
EC Result		:		
Blank Test				

## Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

**Printed Name** 

Date 10/4/2022 Location: City/State Seattle WA

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ALCOTEST 9510 SERIAL NUMBER ARKB-0012 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 **DATE OF LAST QAP: 07/14/2022** 

Analysis Date: 10/04/2022

Observation Period Began: 11:20 Citation/Case Number: TEST

Operator Name: BENANTE/ SHELLEY/ R Subject Name: SAMPLE/ BRENDA/ LYN

Subject Date of Birth: 10/01/2000 External Standard Lot: 1391343

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	11:42		
Internal Standard	VERIFIED	11:43		
Subject Sample 1				
IR Result		11:45		
EC Result		11:45		
Blank Test				
External Standard I	R	:		
External Standard E	EC			
Blank Test		:		
Subject Sample 2			APP BAS MIL SITE STEE	
IR Result		:		
EC Result		:		
Blank Test		:		

## Test Result: TEST INCOMPLETE

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

\_Location: City/State Seathe, WA

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ALCOTEST 9510 SERIAL NUMBER ARKB-0012 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 07/14/2022

Analysis Date: 10/04/2022

Observation Period Began: 10:00 Citation/Case Number: TEST

Operator Name: BENANTE/ SHELLEY/ R

Subject Name: TEST/ T/ T

Subject Date of Birth: 01/01/1950 External Standard Lot: 1391343

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test		12:02		
Internal Standard		;		
Subject Sample 1				
IR Result				
EC Result		:		
Blank Test				
External Standard IR				
External Standard EC				
Blank Test		;		
Subject Sample 2				
IR Result	***	:		
EC Result		:		
Blank Test		:		

## Test Result: TEST INCOMPLETE

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Printed Name Shelley Benate

Date 10/4/2022 Location: City/State Seattle WA

07/06/2023

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### **Washington State Patrol Supervisor Test**

Sequential Test #: Test Date: 10/04/2022 12:46 601

**Breath Test Instrument Information** 

Alcotest 9510 Serial Number: ARKB-0012 Model

**External Standard Test Details** 

Function	Result	Time
	g/210L	HH:MM
Diagnostic	OK	12:46
Blank Test	0.000	12:46
External Standard IR	0.079	12:47
External Standard EC	0.077	12:47
Blank Test	0.000	12:47
Diagnostic	OK	12:48

Operator: Shelley Benante
Signature: Meeleer 22 C Sig. Date: 10/4/2022

## **Washington State Patrol** Supervisor Test

Test Date:

10/04/2022 12:50

Sequential Test #:

602

**Breath Test Instrument Information** 

Model

Alcotest 9510

Serial Number:

ARKB-0012

## **External Standard Test Details**

Function	Result	Time
	g/210L	HH:MM
Diagnostic	ÖK	12:50
Blank Test	0.000	12:50
External Standard IR	0.079	12:51
External Standard EC	0.078	12:51
Blank Test	0.000	12:51
Diagnostic	OK	12:52

Shelley Benante Shelley Dec Sig. Date: 10/4/2022

## Washington State Patrol Supervisor Test

Test Date:

10/04/2022 12:59

Sequential Test #:

603

**Breath Test Instrument Information** 

Model

Alcotest 9510

Serial Number:

ARKB-0012

#### **External Standard Test Details**

Function	Result	Time
	g/210L	HH:MM
Diagnostic	<u>OK</u>	12:59
Blank Test	0.000	12:59
External Standard IR	0.095	12:59
External Standard EC	0.094	12:59
Blank Test	0.000	13:00
Diagnostic	OK	13:01

Operator:

Shelley Benante Shelley Benante

Signature:

Sig. Date:

10/4/2022

### Washington State Patrol External Standard Change

Sequential Test #: 604 Test Date: 11/06/2022 Location: WASHINGTON **Breath Test Instrument Information** Serial Number QAP Date Model 07/14/2022 Alcotest 9510 ARKB-0012 **Drygas Cylinder External Standard Information** Lot Number Concentration Expiration Inlet 02/18/2024 CAL GAS INLET 2 1453316 0.080 **External Standard Test Details** Result Time Function g/210L HH:MM 01:04 Blank Test 0.000 External Standard IR 0.080 01:05 External Standard EC 0.078 01:05 Blank Test 0.000 01:06 External Standard IR 0.080 01:06 External Standard EC 0.078 01:06 0.000 01:07 Blank Test External Standard IR 0.079 01:07 External Standard EC 0.078 01:07 Blank Test 0.000 01:08 External Standard Change Results: CYLINDER INSTALLATION SUCCESSFUL

**Operator Information** 

Operator: SHELLEY BENANTE

Sig. Date:

11/06/2022

ALCOTEST 9510 SERIAL NUMBER ARKB-0012 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 07/14/2022

Analysis Date: 10/04/2022

Observation Period Began: 13:00 Citation/Case Number: TEST

Operator Name: BENANTE/ SHELLEY/ R Subject Name: DOE/ MARK/ JAMES Subject Date of Birth: 06/01/1998 External Standard Lot: 1453316

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	13:42		
Internal Standard VE	RIFIED	13:42		
Subject Sample 1			2.1	6.2
IR Result	0.000	13:43		
EC Result	0.000	13:43		
Blank Test	0.000	13:44		
External Standard IR	0.096	13:44		
External Standard EC	0.092	13:44		
Blank Test		:		
Subject Sample 2				
IR Result		:		
EC Result				
Blank Test		:		

### Test Not Complete: Status Code 21

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

**Printed Name** 

Date 10/4/2022 Location: City/State Seattle WA

07/06/2023 Page 252 of 449

ALCOTEST 9510 SERIAL NUMBER ARKB-0012 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 07/14/2022

Analysis Date: 10/04/2022

Observation Period Began: 13:30 Citation/Case Number: TEST

Operator Name: BENANTE/ SHELLEY/ R Subject Name: DOE/ MARK/ JAMES Subject Date of Birth: 06/01/1998 External Standard Lot: 1453316

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	13:49		
Internal Standard VE	ERIFIED	13:49		
Subject Sample 1			2.4	6.3
IR Result	0.000	13:50		
EC Result	0.000	13:50		
Blank Test	0.000	13:51		
External Standard IR	0.096	13:51		
External Standard EC	0.093	13:51		
Blank Test		:		
Subject Sample 2				
IR Result		:		
EC Result		:		
Blank Test		:		

#### Test Not Complete: Status Code 21

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

nelley Benante 22 Location: City/State Seattle WA

07/06/2023

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ALCOTEST 9510 SERIAL NUMBER ARKB-0012 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 07/14/2022

Analysis Date: 10/04/2022

Observation Period Began: 13:30 Citation/Case Number: TEST

Operator Name: BENANTE/ SHELLEY/ R Subject Name: DOE/ MARK/ JAMES Subject Date of Birth: 06/01/1998 External Standard Lot: 1453316

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	13:56		
Internal Standard VE	RIFIED	13:57	•	
Subject Sample 1			2.6	6.4
IR Result	0.000	13:57		
EC Result	0.000	13:57		
Blank Test	0.000	13:58		
External Standard IR	0.096	13:59		
External Standard EC	0.092	13:59		
Blank Test		:		
Subject Sample 2				
IR Result		:		
EC Result		:		
Blank Test		:		

Test Not Complete: Status Code 21

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of periury under the law of Washington that the foregoing is true and correct.

Officer Signature

LOZZ Location: City/State Seathe WA

07/06/2023

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ALCOTEST 9510 SERIAL NUMBER ARKB-0012 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 07/14/2022

Analysis Date: 10/04/2022

Observation Period Began: 13:30 Citation/Case Number: TEST

Operator Name: BENANTE/ SHELLEY/ R Subject Name: DOE/ MARK/ JAMES Subject Date of Birth: 06/01/1998 External Standard Lot: 1453316

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	14:05		
Internal Standard VE	ERIFIED	14:05		
Subject Sample 1			1.9	6.1
IR Result	0.000	14:06		
EC Result	0.000	14:06		
Blank Test	0.000	14:07		
External Standard IR		14:07		
External Standard EC	0.092	14:07		
Blank Test	tion due total total total	:		
Subject Sample 2			yes suit had hid hid	
IR Result		:		
EC Result		:		
Blank Test		:		

#### Test Not Complete: Status Code 40

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature Milery 3

Printed Name Shelley Benante

Date 10/4/2022 Location: City/State Seattle WA

Inhaled prior to External Standard out of

17/06/2023e

ALCOTEST 9510 SERIAL NUMBER ARKB-0012 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 07/14/2022

Analysis Date: 10/04/2022

Observation Period Began: 13:30 Citation/Case Number: TEST

Operator Name: BENANTE/ SHELLEY/ R Subject Name: DOE/ MARK/ JAMES Subject Date of Birth: 06/01/1998 External Standard Lot: 1453316

Breath Analysis	Result g/210L	Time hh:mm	Volume liters	Blowtime seconds
Blank Test	0.000	14:11		
Internal Standard VE	RIFIED	14:12		
Subject Sample 1			1.8	5.9
IR Result	0.000	14:12		
EC Result	0.000	14:12		
Blank Test	0.000	14:13		
External Standard IR	0.095	14:14		
External Standard EC	0.093	14:14		
Blank Test		:		
Subject Sample 2				
IR Result				
EC Result		:		
Blank Test		:		

#### Test Not Complete: Status Code 21

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature Shelley Renand

Date 10/4/2022 Location: City/State Seattle WA

As it goes into READY - inhalation detected status code displayed

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ALCOTEST 9510 SERIAL NUMBER ARKB-0012 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 07/14/2022

Analysis Date: 10/04/2022

Observation Period Began: 14:00 Citation/Case Number: TEST

Operator Name: BENANTE/ SHELLEY/ R Subject Name: DOE/ MARK/ JAMES Subject Date of Birth: 06/01/1998 External Standard Lot: 1453316

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	14:19		
Internal Standard VE	RIFIED	14:20		
Subject Sample 1			2.0	6.1
IR Result	0.000	14:20		
EC Result	0.000	14:20		
Blank Test	0.000	14:21		
External Standard IR	0.096	14:22		
External Standard EC	0.093	14:22		
Blank Test		:		
Subject Sample 2			14 30 m m m	
IR Result	*****			
EC Result		:		
Blank Test		!		

#### Test Not Complete: Status Code 21

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature Shelley Benante

Printed Name Shelley Benante

Date 10/4/2022 Location: City/State Slow Hc WA

Put itself out of Service after

"BLOWING NOT ALLOWED" AFTER CAL STD FAIL

WHEN 97/0 BOB30WING AT THE READY PROMPT (RIGHT SID) Heady)

ALCOTEST 9510 SERIAL NUMBER ARKB-0012 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 07/14/2022

Analysis Date: 10/04/2022

Observation Period Began: 14:00 Citation/Case Number: TEST

Operator Name: BENANTE/ SHELLEY/ R Subject Name: DOE/ MARK/ JAMES Subject Date of Birth: 06/01/1998 External Standard Lot: 1453316

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	14:27		
Internal Standard VE	RIFIED	14:27		
Subject Sample 1			1.9	6.1
IR Result	0.000	14:28		
EC Result	0.000	14:28		
Blank Test	0.000	14:29		
External Standard IR	0.096	14:29		
External Standard EC	0.093	14:29		
Blank Test		:		
Subject Sample 2				
IR Result		:		
EC Result		:		
Blank Test		:		

#### Test Not Complete: Status Code 21

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

\_ Location: City/State Seattle WA

After CALSTD FAIL We tlocked all airways the instrument otarted to purge and immediately aborted the Purge and worst out of service.

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#### **WASHINGTON STATE PATROL** TRAINING SUBJECT TEST

ALCOTEST 9510 SERIAL NUMBER ARKB-0012 SOFTWARE VERSION 8322798 1.2 **CONFIGURATION VERSION 8322796 3.0** DATE OF LAST QAP: 07/14/2022

Analysis Date: 10/04/2022

Observation Period Began: 14:00 Citation/Case Number: TEST

Operator Name: BENANTE/ SHELLEY/ R Subject Name: DOE/ MARK/ JAMES Subject Date of Birth: 06/01/1998 External Standard Lot: 1453316

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	14:35		
Internal Standard VE	RIFIED	14:36		
Subject Sample 1			2.0	7.1
IR Result	0.000	14:36		
EC Result	0.000	14:36		
Blank Test	0.000	14:37		
External Standard IR	0.095	14:38		
External Standard EC	0.093	14:38		
Blank Test				
Subject Sample 2			NAME NAME NAME AND ADDRESS.	
IR Result		:		
EC Result				
Blank Test		:		

#### Test Not Complete: Status Code 21

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature <

Location: City/State Seattle WA

CALSTO FAIL IN Training Mode - put itself out of service when put into evidential mode

07/06/2023

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#### **WASHINGTON STATE PATROL** TRAINING SUBJECT TEST

ALCOTEST 9510 SERIAL NUMBER ARKB-0012 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 07/14/2022

Analysis Date: 10/04/2022

Observation Period Began: 14:15 Citation/Case Number: TEST

Operator Name: BENANTE/ SHELLEY/ R Subject Name: DOE/ MARK/ JAMES Subject Date of Birth: 06/01/1998 External Standard Lot: 1453316

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	14:45		
Internal Standard VE	RIFIED	14:45		
Subject Sample 1			2.1	6.6
IR Result	0.000	14:46		
EC Result	0.000	14:46		
Blank Test	0.000	14:47		
External Standard IR	0.096	14:47		
External Standard EC	0.093	14:47		
Blank Test		:		
Subject Sample 2				
IR Result		:		
EC Result		** ·		
Blank Test		:		

#### Test Not Complete: Status Code 21

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct. Officer Signature>

ate 10/4/2022 Location: City/State Seattle WA

Blowing not allowed message in training made when I blew after CAL STO FAIL (RIGHT AT READ)

- Were for 230Ut of Service when I switched instrume to evirtential

## WASHINGTON STATE PATROL TRAINING SUBJECT TEST

ALCOTEST 9510 SERIAL NUMBER ARKB-0012 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 07/14/2022

Analysis Date: 10/04/2022

Observation Period Began: 14:30 Citation/Case Number: TEST

Operator Name: BENANTE/ SHELLEY/ R Subject Name: DOE/ MARK/ JAMES Subject Date of Birth: 06/01/1998 External Standard Lot: 1453316

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	14:52		
Internal Standard VI	ERIFIED	14:52		
Subject Sample 1			2.3	7.9
IR Result	0.000	14:53		
EC Result	0.000	14:53		
Blank Test	0.000	14:54		
External Standard IR	0.096	14:54		
External Standard EC	0.093	14:54		
Blank Test	200 See See See See	:		
Subject Sample 2				
IR Result		;		
EC Result		;		
Blank Test		:		

#### Test Not Complete: Status Code 21

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature Welley Benante

Printed Name Shelley Benante

Date 10/4/2022 Location: City/State Seattle W

Inhabition Defleted when air was sucked in through Mouthpiece at "READY" screen after CANGERESTD FAIL IN training mode went out of Service Miner T switched the instrument to evidential mode

# WASHINGTON STATE PATROL TRAINING SUBJECT TEST

ALCOTEST 9510 SERIAL NUMBER ARKB-0012 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 07/14/2022

Analysis Date: 10/04/2022

Observation Period Began: 14:30 Citation/Case Number: TEST

Operator Name: **BENANTE**/ **SHELLEY**/ **R**Subject Name: **DOE**/ **MARK**/ **JAMES**Subject Date of Birth: **06**/01/1998
External Standard Lot: **1453316** 

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	15:00		
Internal Standard VE	RIFIED	15:00		
Subject Sample 1			1.9	6.6
IR Result	0.000	15:01		
EC Result	0.000	15:01		
Blank Test	0.000	15:02		
External Standard IR	0.096	15:02		
External Standard EC	0.093	15:02		
Blank Test		:		
Subject Sample 2				
IR Result		:		
EC Result		:		
Blank Test		;		

#### Test Not Complete: Status Code 21

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature Helley
Printed Name Shelley Benande
Date 10/4/2022 Location: City/State Seattle WA
OI ME CICIALI MARCO DOLO DIDINO

Check arrway mussage did not come up that
purge stopped when airways were blocked in training made
Instructionent disabled when put into evidential mode.
Page 262 of 449

ALCOTEST 9510 SERIAL NUMBER ARKB-0012 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 07/14/2022

Analysis Date: 10/04/2022

Observation Period Began: 14:45 Citation/Case Number: TEST

Operator Name: BENANTE/ SHELLEY/ R Subject Name: DOE/ MARK/ JAMES Subject Date of Birth: 06/01/1998 External Standard Lot: 1453316

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	15:07		
Internal Standard	VERIFIED	15:07		
Subject Sample 1			1.8	6.1
IR Result	0.000	15:08		
EC Result	0.000	15:08		
Blank Test	0.000	15:09		
External Standard I	R	15:09		
External Standard E	EC	15:09		
Blank Test		:		
Subject Sample 2			m m m m m	
IR Result		:		
EC Result		;		
Blank Test		:		
í				

#### Test Not Complete: Status Code 3

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

\_\_\_\_

ate 10/4/7072 Location: City/State Seq

Location: City/State Seattle WA

CAL GAS SUPPLY - PUT itself out of service.

07/06/2023 Page 263 of 449

#### WASHINGTON STATE PATROL TRAINING SUBJECT TEST

ALCOTEST 9510 SERIAL NUMBER ARKB-0012 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 07/14/2022

Analysis Date: 10/04/2022

Observation Period Began: 14:45 Citation/Case Number: TEST

Operator Name: BENANTE/ SHELLEY/ R Subject Name: DOE/ MARK/ JAMES Subject Date of Birth: 06/01/1998 External Standard Lot: 1453316

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	15:14		
Internal Standard	VERIFIED	15:15		
Subject Sample 1			1.9	5.9
IR Result	0.000	15:15		
EC Result	0.000	15:15		
Blank Test	0.000	15:16		
External Standard If	٦	15:17		
External Standard E	C	15:17		
Blank Test		:		
Subject Sample 2				
IR Result		:		
EC Result		:		
Blank Test		:		
l				

#### Test Not Complete: Status Code 3

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

\_\_ Location: City/State <u>Slathe wA</u>

CALGAS SUPPLY INTRAINING MODE - WENT TO READY THEN WENT OUT OF SERVICE WHEN PUT BACK Page 264 of 449

# ARKC-0022 Trooper Mike Qunell Version 5.13, 1.2, 3.0

07/06/2023 Page 265 of 449

• WINCE: 8322797 VERSION 5.13 • M16: 8322798 VERSION 1.2 • CONFIG: 8322796 VERSION 3.0

#### **Software Verification Documentation**

Technician:

QUNELL, M

Instrument Serial Number: ARKC-0022

Date(s) Testing Performed:

10/5/22

m 10/5/22

Draeger Alcotest 9510 Version info

Date: 05.10.2022 Time: 06:59

Serial: ARKC-0022

M16 Ver: 1.2/8322798 M16 Checksum: 0x3F84 BTL Ver: 1.5/8323536

WinCE Ver:5.13/8322797 WinCE Checksum:0x5E94 WinCE ImageVer: 1.8

Cfg Ver: 3.0/8322796 AP Ver: 3.0/8322796A NAP Ver: 3.0/8322796NA AP/NAP CRC: 0xF5EC/0xDA79

Drink. location: 0x6AAA Lifecounter: 22776

Config files: RecordData\_091 InternalPrinterCfg\_026 TextsInternalPrt\_039 FontsInternalPrt\_001 Parameter\_039 MeasProc\_133 WinCeCfg\_053 External PrtCfg\_106 Texts1ExternalPrt\_066 AccessRights\_029

Subversion: WA

MINE 10/5/22

• WINCE: 8322797 VERSION 5.13 • M16: 8322798 VERSION 1.2 • CONFIG: 8322796 VERSION 3.0

Observation times

	Draeger Displayed Time	Entered Time	Result
i.	8:23	8:23	16 MINUTE TIMER
ii.	8:29	8:09	16 MINUTE TIMER 1 MINUTE TIMER
iii.	8:26	8:25	15 MINUTE TIMER
iv.	8:27	85.58	ERROR MSG
v.	8:28	10:00	ERROR MSG
vi.	8:28	11:00	ERROR MSG
vii.	8:29	06:29	TEST CONTINUES
viii.	8:30	6:29	TEST CONTINUES ERROR MSG TEST CONTINUES
ix.	8:32	6:33	TEST CONTINUES
x.		6:33	Summary time: 6:33
Comi	ments		

Data entry

Type of data	Instrumen intended (	t reacted as yes/no)	Comments
Operator Observed Subject Entire Time	¥Yes	□ No	ENTERED NO, TEST CANCELLEY, ENTERED YES, RESTART OBS.
Summary Screen	✓ Yes	□ No	/
Subject Smoke, Vomit, Put Anything in Mouth	<b>⊠</b> Yes	□ No	ENTERED YES, RESTART OBS.
Citation/Case Number	¥Yes	□ No	•
County of Arrest	¥Yes	□ No	
Collision Involved	<b>≯</b> Yes	□ No	,
Subject drinking at specific drinking establishment	<b>⊠</b> .Yes	□ No	
PBT Given	<b>≱</b> Yes	□ No	
Summary Screen	₩.Yes	□ No	
Scan Operator Card	<b>⊠</b> Yes	□ No	
Summary Screen	<b>∀</b> Yes	□ No	
Subject Ethnic Group	<b>X</b> Yes	□ No	
Subject Driver License State	<b>⊠</b> Yes	□ No	
Scan WA, OR, ID, and/or NY Licenses	. <b>⊠</b> Yes	□ No	ONLY WA SAANNED
License manual entry	¥Yes	□ No	
Gender "X"	<b>≱</b> Yes	□ No	
Summary	¥Z Yes	□ No	
Breath Test	<b>≱</b> Yes	□ No	
Printed Document	<b>X</b> Yes	□ No	
Comments			

• WINCE: 8322797 VERSION 5.13 • M16: 8322798 VERSION 1.2 • CONFIG: 8322796 VERSION 3.0

Breath Test Scenarios	
Type of scenario	Instrument reacted as intended (yes/no)
Not meeting sampling parameter, then continue	¥ Yes □ No
Meeting sampling parameters	✓ Yes □ No
Allow two minutes to pass - Verify "Refusal" & "Incomplete" are displayed/Printout	<b>™</b> Yes □ No
Press "Stop" - verify "Refusal," "Incomplete," & "Continue" are displayed/Printout	<b>⊠</b> Yes □ No
Comments	
Supervisor Test	
Type of scenario	Instrument reacted as intended (yes/no)
Active Cylinder 1; Cylinder set to 2 during Supervisor Test/Printout	<b>≱</b> Yes □ No
Active Cylinder 2; Cylinder set to 1 during Supervisor Test/Printout	▼Yes □ No
Comments	
Reprint function	
Type of scenario	Instrument reacted as intended (yes/no)
Verify information is displayed on the "Reprint screen" after selecting a record to be reprinted. Reprint selected document.	¥ Yes □ No
Verify identified items ARE listed as reprint options	✓ Yes □ No
Verify identified items are NOT listed as reprint options	<b>≱</b> Yes □ No
Comments	
Daylight Saving Time Change	
Type of scenario	Instrument reacted as intended (yes/no)
Time change on March 12, 2023	¥ Yes □ No
Time change on November 6, 2022	<b>⊠</b> Yes □ No
Comments	
Cylinder Change	
Type of scenario	Instrument reacted as intended (yes/no)
Cylinder Change & Printout	<b>万</b> -Yes □ No
Comments	

Mand 10/5/22 Page 3 of 4

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.0

Type of scenario	Instrument Out of Service (yes/no)
CAL. STANDARD FAILED – allowed to continue	¥Yes □ No
CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED	¥Yes □ No
CAL. STANDARD FAILED – followed by INHALATION DETECTED	Yes □ No
CAL. STANDARD FAILED – followed by CHECK AIRWAY	Yes □ No
Comments	
Conditional Disabling Algorithm – Training Mode	
Type of scenario	Instrument Out of Service (yes/no)
CAL. STANDARD FAILED – allowed to continue then placed into Evidential Mode	¥ Yes □ No
CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED then placed into Evidential Mode	Y Yes □ No
CAL. STANDARD FAILED – followed by INHALATION DETECTED then placed into Evidential Mode	¥Yes □ No
CAL. STANDARD FAILED – followed by CHECK AIRWAY then placed into Evidential Mode	¥Yes □ No
Comments	
Cal gas supply status code	
Type of scenario	Instrument Out of Service (yes/no)
CAL GAS SUPPLY – allowed to continue	▼Yes □ No
Comments	
Polling Data	
Verify polling data reflects information from breath test (gender selection, license information, etc).	□ Yes □ No
Comments	

Other comments:

M Lull
10/5/22
Page 4 of 4

#### DRAEGER ALCOTEST 9510 CALIBRATION/ADJUSTMENT RECORD

**SERIAL NUMBER:** ARKC-0022 **SOFTWARE VER.:** 8322798 1.2 **CONFIG. VER.:** 8322796 3.0 **TECHNICIAN:** QUNELL/M TIME/DATE BEGAN: 07:06 10/05/2022 CALIBRATION ADJUSTMENT PERFORMED: **REF VALUE: 0.0803** SIM#: DR4524 THERM#: DR4524 **BATCH#:** 202108D **CALIBRATION PROCEDURE** Results Units g/210L DR4480 DR4969 DR4990 DR4760 Simulator # DR4480 Sim Thermometer # DR4969 DR4990 DR4760 202203C QAP Batch # 202111A 202203B 202111G 0.0405 0.0807 <u>0.15</u>07 0.2010 Reference Value Sim Temp 34.0°C ± 0.2°C Before? YES YES YES YES IR EC IR EC IR EC IR EC 0.200 0.039 0.039 0.079 0.078 0.149 0.147 0.194 0.195 2 0.039 0.039 0.079 0.079 0.149 0.147 0.199 3 0.039 0.039 0.079 0.079 0.149 0.147 0.198 0.194 0.039 0.039 0.079 0.079 0.148 0.147 0.198 0.194 4 0.197 0.194 0.039 0.039 0.078 0.079 0.148 0.147 Sim Temp 34.0°C ± 0.2°C After? YES YES YES YES 0.0390 0.0788 0.1486 0.1470 0.1984 0.1942 Mean 0.0390 0.0788 0.0004 0.0005 0.0000 0.0011 0.0004 SD 0.0000 0.0000 0.0004 -2.46 -1.29 -3.38 -3.70 -2.35 -2.35 -1.39 Bias % -3.70 0.00 0.55 CV % 0.00 0.00 0.51 0.51 0.34 0.21 **EXP DATE:** 04/03/2024 COMPLETE BREATH TEST: YES **ESS LOT#:** 1474760 INTERFERENCE TEST: YES **BATCH#:** 202203B SIM#: DR4969 ACETONE LOT#: AH20180206 THERM#: DR4969 INVALID SAMPLE: YES REFERENCE BAROMETER S/N: 41000601 **COMMENTS:** AS FOUND ESS RESULT:

Signature

07/06/2023

QUNELL/M Technician Name

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### **WASHINGTON STATE PATROL**

**EVIDENTIARY SUBJECT TEST**ALCOTEST 9510 SERIAL NUMBER ARKC-0022 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 12/31/2050

Analysis Date: 10/05/2022

Observation Period Began: 08:00 Citation/Case Number: TEST

Operator Name: TRAINER/ SIR/ WSP Subject Name: HARRISON/ JOHN/ W Subject Date of Birth: 02/29/1960 External Standard Lot: 12345

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	08:53		
Internal Standard VE	ERIFIED	08:53		
Subject Sample 1			2.0	5.9
IR Result	0.000	08:54		
EC Result	0.000	08:54		
Blank Test	0.000	08:55		
External Standard IR	0.084	08:56		
External Standard EC	0.081	08:56		
Blank Test	0.000	08:57		
Subject Sample 2			2.0	5.7
IR Result	0.000	08:57		
EC Result	0.000	08:57		
Blank Test	0.000	08:58		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

declare under penalty of perjury under the law of Washington that the foregoing is true and correct
declare under penalty of perjury under the law of Washington that the foregoing is true and correct Officer Signature
Printed Name
Date 10/5/22 Location: City/State TACOMA, WA

ALCOTEST 9510 SERIAL NUMBER ARKC-0022 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 12/31/2050

Analysis Date: 10/05/2022

Observation Period Began: 08:00

Citation/Case Number: TEST Operator Name: QUNELL/ MICHAEL/ K

Subject Name: TEST/ TEST/ -Subject Date of Birth: 01/01/1950 External Standard Lot: 12345

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	09:04		
Internal Standard	VERIFIED	09:05		
Subject Sample 1				
IR Result	<b>MMM</b>	09:07		
EC Result		09:07		
Blank Test	had bles had beet eller eller			
External Standard IF	}	:		
External Standard E	C			
Blank Test	MA ME AND DES TOO TOO	:		
Subject Sample 2				
IR Result				
EC Result		:		
Blank Test	w	:		•

#### Test Result: TEST INCOMPLETE

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place

l observed the subject during the entire observation period and during that time they did not eat, drink any foreign substances in their mouth.
I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.  Officer Signature
Officer Signature
Printed Name
Date 10/5/22 Location: City/State TACOMA, WA

07/06/2023

ALCOTEST 9510 SERIAL NUMBER ARKC-0022 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 12/31/2050

Analysis Date: 10/05/2022

Observation Period Began: 08:00 Citation/Case Number: TEST Operator Name: QUNELL/ M/ K Subject Name: TEST/ TEST/ -Subject Date of Birth: 01/01/1950 External Standard Lot: 12345

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	09:12		
Internal Standard	VERIFIED	09:12		
Subject Sample 1				
IR Result		09:13		
EC Result	36888P	09:13		
Blank Test				
External Standard I	R	500 PM <sup>25</sup>		
External Standard E	C	:		
Blank Test	AND THE SHE SHE SHE			
Subject Sample 2				
IR Result		,		
EC Result		300 Mg M MM MM		
Blank Test		:		

#### Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the e State Toxicologist. , smoke, vomit, or place

time of this test I was certi- I observed the subject duri any foreign substances in	fied to operate the Alcotest 9510 and possing the entire observation period and during their mouth.	essed a valid permit issued by the g that time they did not eat, drink,
I declare under penalty of	perjury under the law of Washington that the	ne foregoing is true and correct.
Officer Signature	Moll	
Printed Name	M. CORCC	
Date /0/5/22	Location: City/State <u>TACOMA</u> ,	WA

07/06/2023

#### Washington State Patrol Supervisor Test

Test Date:	10/05/2022 09:16	Sequential Test #:	345
Breath Test Ins	strument Information		
Model	Alcotest 9510	Serial Number:	ARKC-0022
External Stand	ard Test Details		
	Function  Diagnostic  Blank Test  External Standard IR  External Standard EC  Blank Test  Diagnostic		
Operator:	M. auger		
Signature:	MIll	Sig. D	ate: <u>10/5/22</u>

# Washington State Patrol Supervisor Test

Test Date:	10/05/2022 09:18	Sequential Test	#: 346
	strument Information	·	
Model	Alcotest 9510	Serial Number:	ARKC-0022
External Stand	lard Test Details		
	Function  Diagnostic  Blank Test  External Standard IR  External Standard EC  Blank Test  Diagnostic	g/210L OK 0.000 0.084 0.082 0.000	Time HH:MM 09:18 09:18 09:19 09:19 09:19 09:20
Operator:	M. CYPTEL		11/2/2
Signature:	Middle		Sig. Date: 10/5/22

WASHINGTON STATE PATROL EVIDENTIARY SUBJECT TEST ALCOTEST 9510 SERIAL NUMBER ARKC-0022 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 12/31/2050

Analysis Date: 10/05/2022

Observation Period Began: 08:00 Citation/Case Number: TEST Operator Name: QUNELL/ M/ K Subject Name: TEST/ TEST/ -Subject Date of Birth: 01/01/1950 External Standard Lot: 12345

REPRINT

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	09:12		
Internal Standard	VERIFIED	09:12		
Subject Sample 1				
IR Result	0 p p = 2 d 10	09:13		
EC Result		09:13		
Blank Test		:		
External Standard I	R	:		
External Standard I	EC			
Blank Test		:		
Subject Sample 2				
IR Result				
EC Result		;		
Blank Test		:		

Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. , smoke, vomit, or place

Inne of this test I was certified to operate the Alcotest 3516 and during that time they did not eat, drink any foreign substances in their mouth.
I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.
Officer Signature
Printed Name
Date 10/5/22 Location: City/State TACOMA, WA

# Washington State Patrol External Standard Change

Test Date:	11/06/2022	_ S	equential T	est #: <u>347</u>	
Location:	WASHINGTON	_			
Breath Test Ir	nstrument Information Model Alcotest 9510		Number 0-0022	QAP Date 12/31/2050	
Drygas Cylind	der External Standard Info Lot Number AG909902	rmation Conce 0.080	entration	Expiration 04/09/2023	Inlet CAL GAS INLET
	Blank Test External Standa External Standa Blank Test External Standa Blank Test External Standa External Standa Blank Test External Standa Blank Test External Standa Blank Test External Standa	ard EC ard IR ard EC ard IR ard EC	Result g/210L 0.000 0.084 0.082 0.000 0.084 0.082 0.000	Time HH:MM 01:03 01:03 01:03 01:04 01:04 01:04 01:06 01:06 01:06	EGGEIII
External Star	ndard Change Results: C	LLINDE	1 INSTALL	ATION SUCC	ESSFUL
Operator Info	ormation CHAEL QUNELL	,			
Signature:	MANN			Sig. Date:	11/06/2022

ALCOTEST 9510 SERIAL NUMBER ARKC-0022 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 12/31/2050

Analysis Date: 10/05/2022

Observation Period Began: 10:00 Citation/Case Number: TEST Operator Name: QUNELL/ M/ K Subject Name: TEST/ TEST/ - Subject Date of Birth: 01/01/1950 External Standard Lot: AG909902

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	11:34		
Internal Standard VE	ERIFIED	11:35		
Subject Sample 1			2.0	6.1
IR Result	0.000	11:35		
EC Result	0.000	11:35		
Blank Test	0.000	11:36		
External Standard IR	0.098	11:37		
External Standard EC	0.094	11:37		
Blank Test		:		
Subject Sample 2				
IR Result				
EC Result		:		
Blank Test		:		

#### Test Not Complete: Status Code 21

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.
Officer Signature
Printed NameM. GOVER C
Date 10/5/22 Location: City/State TACOMA, WA

07/06/2023 Page 278 of 449

ALCOTEST 9510 SERIAL NUMBER ARKC-0022 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 12/31/2050

Analysis Date: 10/05/2022

Observation Period Began: 10:00 Citation/Case Number: TEST Operator Name: QUNELL/ M/ K Subject Name: TEST/ TEST/ - Subject Date of Birth: 01/01/1950 External Standard Lot: AG909902

Breath Analysis	Result g/210L	Time hh:mm	Volume liters	<b>Blowtime</b> seconds
Blank Test	0.000	11:41		·
Internal Standard VE	RIFIED	11:42		
Subject Sample 1			2.1	5.8
IR Result	0.000	11:42		
EC Result	0.000	11:42		
Blank Test	0.000	11:43		
External Standard IR	0.097	11:44		
External Standard EC	0.094	11:44		
Blank Test		:		
Subject Sample 2				
IR Result				
EC Result				
Blank Test		200 DOF		

#### Test Not Complete: Status Code 21

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

Page 279 of 449

I declare under penalty of	f perjury under the law of Washington that the foregoing is true and correc	t.
Officer Signature	MInll	
Printed Name	M. antil	
Date 10/5/22	Location: City/State TACOMA, WA	

07/06/2023

ALCOTEST 9510 SERIAL NUMBER ARKC-0022 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 12/31/2050

Analysis Date: 10/05/2022

Observation Period Began: 10:00 Citation/Case Number: TEST Operator Name: QUNELL/ M/ K Subject Name: TEST/ TEST/ - Subject Date of Birth: 01/01/1950 External Standard Lot: AG909902

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	10:48		
Internal Standard VE	RIFIED	10:49		
Subject Sample 1			2.1	6.7
IR Result	0.000	10:49		
EC Result	0.000	10:49		
Blank Test	0.000	10:50		
External Standard IR	0.098	10:51		
External Standard EC	0.094	10:51		
Blank Test		:		
Subject Sample 2				
IR Result				
EC Result				
Blank Test		:		

#### Test Not Complete: Status Code 21

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

any foreign substa	nces in their mouth.
I declare under pe	nalty of perjury under the law of Washington that the foregoing is true and correct.
Officer Signature _	Marl
Printed Name	M. Genera
Date 10/5/	22 Location: City/State TACOMA, WA

07/06/2023 Page 280 of 449

### WASHINGTON STATE PATROL TRAINING SUBJECT TEST

ALCOTEST 9510 SERIAL NUMBER ARKC-0022 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 12/31/2050

Analysis Date: 10/05/2022

Observation Period Began: 10:00 Citation/Case Number: TEST Operator Name: QUNELL/ M/ K Subject Name: TEST/ TEST/ - Subject Date of Birth: 01/01/1950 External Standard Lot: AG909902

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	10:56		
Internal Standard VE	RIFIED	10:56		
Subject Sample 1			1.9	5.9
IR Result	0.000	10:57		
EC Result	0.000	10:57		
Blank Test	0.000	10:58		
External Standard IR	0.098	10:59		
External Standard EC	0.094	10:59		
Blank Test		ada 1007 <sup>67</sup> 100 1000		
Subject Sample 2				and lade 100 MM 100 MM
IR Result				
EC Result				
Blank Test		:		

#### Test Not Complete: Status Code 21

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

any toreign substances in	their mouth.	
I declare under penalty of	perjury under the law of Washington that t	he foregoing is true and correct.
Officer Signature	Mdull	<del>-</del>
Printed Name	M. GUNECL	
Date 10/5/22	Location: City/State TACOMA,	WA

07/06/2023 Page 281 of 449

# WASHINGTON STATE PATROL TRAINING SUBJECT TEST

ALCOTEST 9510 SERIAL NUMBER ARKC-0022 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 12/31/2050

Analysis Date: 10/05/2022

Observation Period Began: 10:00 Citation/Case Number: TEST Operator Name: QUNELL/ M/ K Subject Name: TEST/ TEST/ - Subject Date of Birth: 01/01/1950 External Standard Lot: AG909902

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	11:03		
Internal Standard VE	RIFIED	11:04		
Subject Sample 1			2.1	5.9
IR Result	0.000	11:05		
EC Result	0.000	11:05		
Blank Test	0.000	11:06		
External Standard IR	0.098	11:06		
External Standard EC	0.093	11:06		
Blank Test		:		
Subject Sample 2				
IR Result				
EC Result		:		
Blank Test	bes 200 000 000 000	:		

#### Test Not Complete: Status Code 21

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

arry roronger conscious	
I declare under penalty	of perjury under the law of Washington that the foregoing is true and correct.
Officer Signature	Marl
Printed Name	M. QUARCE
Date 10/5/22	Location: City/State <u>TACOMA</u> , WA

07/06/2023

ALCOTEST 9510 SERIAL NUMBER ARKC-0022 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 12/31/2050

Analysis Date: 10/05/2022

Observation Period Began: 10:00 Citation/Case Number: TEST Operator Name: QUNELL/ M/ K Subject Name: TEST/ TEST/ - Subject Date of Birth: 01/01/1950 External Standard Lot: AG909902

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	11:12		
Internal Standard	VERIFIED	11:12		
Subject Sample 1			2.1	6.0
IR Result	0.000	11:13		
EC Result	0.000	11:13		
Blank Test	0.000	11:14		
External Standard	IR	11:14		
External Standard	EC	11:14		
Blank Test		:		
Subject Sample 2				
IR Result				
EC Result		:		
Blank Test		:		

### Test Not Complete: Status Code 3

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

a.i., 1010-1911
I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.
Officer Signature
Printed Name
Date 10/5/22 Location: City/State TACOMA, WA

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ALCOTEST 9510 SERIAL NUMBER ARKC-0022 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 12/31/2050

Analysis Date: 10/05/2022

Observation Period Began: 10:00 Citation/Case Number: TEST Operator Name: QUNELL/ M/ K Subject Name: TEST/ TEST/ - Subject Date of Birth: 01/01/1950 External Standard Lot: AG909902

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	11:19		
Internal Standard \	/ERIFIED	11:19		
Subject Sample 1			1.9	5.9
IR Result	0.000	11:20		
EC Result	0.000	11:20		
Blank Test	0.000	11:21		
External Standard IR	0.098	11:21		
External Standard E	C 0.093	11:21		
Blank Test		:		
Subject Sample 2				
IR Result		<b>:</b>		
EC Result		:		
Blank Test				

#### Test Not Complete: Status Code 21

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty	of perjury under the law of Washington that the foregoing is true and correct.
Officer Signature	Mill
Printed Name	M. Genera
Date 10/5/22	Location: City/State TACOMA, WA

07/06/2023 Page 284 of 449

WASHINGTON STATE PATROL
TRAINING SUBJECT TEST
ALCOTEST 9510 SERIAL NUMBER ARKC-0022 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 12/31/2050

Analysis Date: 10/05/2022

Observation Period Began: 10:00 Citation/Case Number: TEST Operator Name: QUNELL/ M/ K Subject Name: TEST/TES/-Subject Date of Birth: 01/01/1950 External Standard Lot: AG909902

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	11:25		
Internal Standard V	ERIFIED	11:26		
Subject Sample 1			2.1	5.9
IR Result	0.000	11:26		
EC Result	0.000	11:26		
Blank Test	0.000	11:27		
External Standard IR	0.098	11:28		
External Standard EC	0.094	11:28		
Blank Test		:		
Subject Sample 2				
IR Result		:		
EC Result		!		
Blank Test		:		

#### Test Not Complete: Status Code 21

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

arry foreign substant		
I declare under pena	lty of perjury under the law of Washington that	the foregoing is true and correct.
Officer Signature	Maul	
Printed Name	M. OVNELL	_
Date $\frac{10/5/2}{2}$	Z Location: City/State TA COMA	, WA

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# **WASHINGTON STATE PATROL**

TRAINING SUBJECT TEST
ALCOTEST 9510 SERIAL NUMBER ARKC-0022 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 12/31/2050

Analysis Date: 10/05/2022

Observation Period Began: 10:00 Citation/Case Number: TEST Operator Name: QUNELL/ M/ K Subject Name: TEST/ TEST/ -Subject Date of Birth: 01/01/1950 External Standard Lot: AG909902

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	11:35		
Internal Standard VE	RIFIED	11:36		
Subject Sample 1			2.0	6.3
IR Result	0.000	11:37		
EC Result	0.000	11:37		
Blank Test	0.000	11:37		
External Standard IR	0.097	11:38		
External Standard EC	0.093	11:38		
Blank Test		:		
Subject Sample 2				
IR Result		;		
EC Result		:		
Blank Test		:		

# Test Not Complete: Status Code 21

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

any loreign substances in their mount.
I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.
Officer Signature
Printed NameM. QWELL
Date 10/5/22 Location: City/State TACOMA, WA

07/06/2023

ALCOTEST 9510 SERIAL NUMBER ARKC-0022 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 12/31/2050

Analysis Date: 10/05/2022

Observation Period Began: 10:00 Citation/Case Number: TEST Operator Name: QUNELL/ M/ K Subject Name: TEST/ TEST/ - Subject Date of Birth: 01/01/1950 External Standard Lot: AG909902

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	11:42		
Internal Standard VE	ERIFIED	11:43		
Subject Sample 1			2.0	5.7
IR Result	0.004	11:44		
EC Result	0.004	11:44		
Blank Test	0.000	11:45		
External Standard IR	0.097	11:45		
External Standard EC	0.094	11:45		
Blank Test				
Subject Sample 2			an last 400 000 000	
IR Result				
EC Result		:		
Blank Test		:		

# Test Not Complete: Status Code 21

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of	perjury under the law of Washington that t	the foregoing is true and correct
Officer Signature	Mull	_
Printed Name	M. QUNECC	-
Date 10/5/22	Location: City/State TACOMA, C	WA

# ARKD-0019 Trooper Kyle Dahl Version 5.13, 1.2, 3.0

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WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.0

### **Software Verification Documentation**

Technician:

**Instrument Serial Number:** 

**Date(s) Testing Performed:** 

Draeger Alcotest 9510 Version info

Date: 30.09.2022 Time: 07:19

Serial: ARKD-0019

M16 Ver: 1.2/8322798 M16 Checksum: 0x3F84 BTL Ver: 1.5/8323536

WinCE Ver:5.13/8322797 WinCE Checksum:0x5E94 WinCE ImageVer:1.8

Cfg Ver: 3.0/8322796 AP Ver: 3.0/8322796A NAP Ver: 3.0/8322796NA AP/NAP CRC: 0xF5EC/0xDA79

Drink. location: 0x6AAA Lifecounter: 41741

Config files:
RecordData\_091
InternalPrinterCfg\_026
TextsInternalPrt\_039
FontsInternalPrt\_001
Parameter\_039
MeasProc\_133
WinCeCfg\_053
ExternalPrtCfg\_106
Texts1ExternalPrt\_066
AccessRights\_029

Subversion:

4 mon

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.0

### Observation times

	Draeger Displayed Time	Entered Time	Result
i.	1003	1003	16 minute clock started
ii.	1005	0950	1 minute clock started
iii.	1006	1005	15 minute clock started
iv.	1008	1009	Gave error stated valid time between 08:08 and 10:08
٧.	1009	2009	Gave error stated valid time between 08:09 and 10:09
vi.	1011	0711	Gave error stated valid time between 08:11 and 10:11
vii.	1013	0813	Test continued as expected
viii.	1015	0814	Gave error stated valid time between 08:15 and 10:15
ix.	1015	0816	Test continued as expected
X.		0816	Summary time: 0816
Comi	ņents	1	

Data entry

Type of data	Instrument reacted as intended (yes/no)		Comments
Operator Observed Subject Entire Time	⊠ Yes	□ No	
Summary Screen	⊠Yes	□ No	
Subject Smoke, Vomit, Put Anything in Mouth	⊠ Yes	□ No	
Citation/Case Number	⊠ Yes	□ No	
County of Arrest	⊠ Yes	□ No	
Collision Involved	⊠ Yes	□ No	
Subject drinking at specific drinking establishment	⊠ Yes	□ No	
PBT Given	⊠ Yes	□ No	
Summary Screen	⊠ Yes	□ No	
Scan Operator Card	⊠ Yes	□ No	
Summary Screen	⊠ Yes	□ No	
Subject Ethnic Group	⊠Yes	□ No	
Subject Driver License State	⊠ Yes	□ No	
Scan WA, OR, ID, and/or NY Licenses	⊠ Yes	□ No	
License manual entry	⊠ Yes	□ No	
Gender "X"	⊠ Yes	□ No	
Summary	ĭ Yes	□ No	
Breath Test	⊠ Yes	□ No	
Printed Document	⊠ Yes	□No	
Comments			

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION I.2
CONFIG: 8322796 VERSION 3.0

Breath Test Scenarios		
Type of scenario	Instrumen	t reacted as intended (yes/no)
Not meeting sampling parameter, then continue	ĭ Yes	□ No
Meeting sampling parameters	⊠ Yes	□ No
Allow two minutes to pass - Verify "Refusal" & "Incomplete" are displayed/Printout	⊠ Yes	□ No
Press "Stop" - verify "Refusal," "Incomplete," & "Continue" are displayed/Printout	⊠Yes	□ No
Comments		
Supervisor Test		
Type of scenario	Instrumen	t reacted as intended (yes/no)
Active Cylinder 1; Cylinder set to 2 during Supervisor Test/Printout	ĭ Yes	□ No
Active Cylinder 2; Cylinder set to 1 during Supervisor Test/Printout	⊠ Yes	□ No
Comments		
Reprint function		
Type of scenario	Instrumen	t reacted as intended (yes/no)
Verify information is displayed on the "Reprint screen" after selecting a record to be reprinted. Reprint selected document.	⊠ Yes	□ No
Verify identified items ARE listed as reprint options	ĭ Yes	□ No
Verify identified items are NOT listed as reprint options	ĭ Yes	□ No
Comments		
Daylight Saving Time Change		
Type of scenario	Instrumen	t reacted as intended (yes/no)
Time change on March 12, 2023	⊠ Yes	□ No
Time change on November 6, 2022	⊠ Yes	□ No
Comments: Time would change itself an hour ahead while trying to set for Nov. 6 <sup>th</sup> . H 11-6-22. Time jumped to 0157 when saved and then turned back to 0100 from 0159.	ad to change	the time to 0057 then the date to
Cylinder Change		
Type of scenario		t reacted as intended (yes/no)
Cylinder Change & Printout	⊠Yes	□ No
Comments		

WINCE: 8322797 VERSION 5.13
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.0

Type of scenario	Instrument Out of Service (yes/no)
CAL. STANDARD FAILED – allowed to continue	⊠ Yes □ No
CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED	⊠ Yes □ No
CAL. STANDARD FAILED – followed by INHALATION DETECTED	ĭ Yes □ No
CAL. STANDARD FAILED – followed by CHECK AIRWAY	⊠ Yes □ No
Comments	
Conditional Disabling Algorithm – Training Mode	T
Type of scenario	Instrument Out of Service (yes/no)
CAL. STANDARD FAILED – allowed to continue then placed into Evidential Mode	⊠ Yes □ No
CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED then placed into Evidential Mode	ĭ Yes □ No
CAL. STANDARD FAILED – followed by INHALATION DETECTED then placed into Evidential Mode	⊠ Yes □ No
CAL. STANDARD FAILED – followed by CHECK AIRWAY then placed into Evidential Mode	⊠ Yes □ No
Comments	
Cal gas supply status code	
Cal gas supply status code  Type of scenario	Instrument Out of Service (yes/no)
	Instrument Out of Service (yes/no)  ⊠Yes □ No
Type of scenario	
Type of scenario  CAL GAS SUPPLY – allowed to continue  Comments  Polling Data	
Type of scenario CAL GAS SUPPLY – allowed to continue Comments	

Other comments:

ALCOTEST 9510 SERIAL NUMBER ARKD-0019 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 09/30/2055

Analysis Date: 09/30/2022

Observation Period Began: 14:00 Citation/Case Number: TEST Operator Name: DAHL/ KYLE/ M Subject Name: TEST/ TEST/ - Subject Date of Birth: 12/20/1957 External Standard Lot: 1453316

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	14:37		
Internal Standard	VERIFIED	14:38		
Subject Sample 1			1.6	6.4
IR Result	0.000	14:38		
EC Result	0.000	14:38		
Blank Test	0.000	14:40		
External Standard II	٦	14:40		
External Standard E	C	14:40		
Blank Test		:		
Subject Sample 2				
IR Result		:		
EC Result		:		
Blank Test		;		

# Test Not Complete: Status Code 3

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

Printed Name KYCE DAHL

Date 9-30-27 Location: City/State pouls Bo, WA

# WASHINGTON STATE PATROL TRAINING SUBJECT TEST

ALCOTEST 9510 SERIAL NUMBER ARKD-0019 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 09/30/2055

Analysis Date: 09/30/2022

Observation Period Began: 13:50 Citation/Case Number: TEST Operator Name: DAHL/ KYLE/ M Subject Name: TEST/ TEST/ -Subject Date of Birth: 12/20/1957 External Standard Lot: 1453316

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	14:13		
Internal Standard VE	RIFIED	14:14		
Subject Sample 1			1.6	6.6
IR Result	0.000	14:15		
EC Result	0.000	14:15		
Blank Test	0.000	14:16		
External Standard IR	0.104	14:16		
External Standard EC	0.097	14:16		
Blank Test				
Subject Sample 2				
IR Result		:		
EC Result		:		
Blank Test		:		

# Test Not Complete: Status Code 21

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

Printed Name

KYLO DANU

Date <u>9-30-22</u> Location: City/State <u>POUSBO</u>, wA

ALCOTEST 9510 SERIAL NUMBER ARKD-0019 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 09/30/2055

Analysis Date: 11/06/2022

Observation Period Began: 01:55 Citation/Case Number: TEST Operator Name: DAHL/ KYLE/ M Subject Name: TEST/ TEST/ Subject Date of Birth: 12/20/1967 External Standard Lot: 1453316

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	02:14		
Internal Standard VE	RIFIED	02:14		
Subject Sample 1			1.6	7.4
IR Result	0.000	02:15		
EC Result	0.000	02:15		
Blank Test	0.000	02:16		
External Standard IR	0.104	02:17		
External Standard EC	0.098	02:17		
Blank Test		:		
Subject Sample 2				
IR Result		:		
EC Result		:		
Blank Test		:		

# Test Not Complete: Status Code 21

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

Printed Name Kyce DAHL

Date 9-30-22 Location: City/State pubse, wh

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# Washington State Patrol External Standard Change

Sequential Test #: 508 Test Date: 11/06/2022 WASHINGTON Location: **Breath Test Instrument Information** Serial Number **QAP** Date Model ARKD-0019 09/30/2055 Alcotest 9510 **Drygas Cylinder External Standard Information** Lot Number Concentration Expiration Inlet 10/24/2023 CAL GAS INLET 1 1453316 0.080 **External Standard Test Details** Result Time Function g/210L HH:MM Blank Test 0.000 02:02 External Standard IR 0.085 02:02 External Standard EC 02:02 0.082 -0.000 02:04 Blank Test External Standard IR 0.085 02:04 External Standard EC 0.082 02:04 Blank Test 0.000 02:05 02:05 External Standard IR 0.084 External Standard EC 0.082 02:05 Blank Test 0.000 02:06 External Standard Change Results: CYLINDER INSTALLATION SUCCESSFUL **Operator Information** Operator: KYLE DAHL

Signature:

Sig. Date:

11/06/2022

ALCOTEST 9510 SERIAL NUMBER ARKD-0019 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 09/30/2055

Analysis Date: 09/30/2022

Observation Period Began: 10:00 Citation/Case Number: 1234TEST Operator Name: DAHL/ KYLE/ M Subject Name: TEST/ TEST/ Subject Date of Birth: 12/20/1957

External Standard Lot: LOT2\_6789012345678901234

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	10:46		
Internal Standard VE	RIFIED	10:46		
Subject Sample 1			1.6	7.7
IR Result	0.000	10:47		
EC Result	0.000	10:47		
Blank Test	0.000	10:49		
External Standard IR	0.085	10:49		
External Standard EC	0.081	10:49		
Blank Test	0.000	10:51		
Subject Sample 2			1.6	7.1
IR Result	0.000	10:51		
EC Result	0.000	10:51		
Blank Test	0.000	10:52		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

Printed Name Kyli DAY

Date 9-30-22 Location: City/State pousso, wa

# Washington State Patrol Supervisor Test

Test Date:

09/30/2022 11:54

Sequential Test #:

507

**Breath Test Instrument Information** 

Model

Alcotest 9510

Serial Number:

ARKD-0019

# **External Standard Test Details**

Function	Result	Time
	g/210L	HH:MM
Diagnostic	OK	11:54
Blank Test	0.000	11:54
External Standard IR	0.085	11:55
External Standard EC	0.081	11:55
Blank Test	0.000	11:55
Diagnostic	OK	11:56

Operator: Kylie

. DAYL

Signature:

Sig. Date:

9-30re

# Washington State Patrol Supervisor Test

Test Date:	09/30/2022 11:51	Sequential Test #:	506
Breath Test In	strument Information		

Serial Number:

ARKD-0019

# **External Standard Test Details**

Alcotest 9510

Model

Function	Result	Time
	g/210L	<u>HH:MM</u>
Diagnostic	ÖK	11:51
Blank Test	0.000	11:51
External Standard IR	0.085	11:52
External Standard EC	0.082	11:52
Blank Test	0.000	11:52
Diagnostic	OK	11:53

Operator: Kyric DAHL
Signature: Sig. Date: 9-30-ZZ

# Washington State Patrol Supervisor Test

Sequential Test #: 10/05/2022 07:50 516 Test Date: Breath Test Instrument Information Serial Number: ARKD-0019 Alcotest 9510 Model External Standard Test Details Time Function Result HH:MM g/210L Diagnostic OΚ 07:50 Test failed, Status 3 Diagnostic ОК 07:50 Operator: Kylé DAHL

,100 CYUNDER

Sig. Date:

10-5-22

Signature:

ALCOTEST 9510 SERIAL NUMBER ARKD-0019 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 09/30/2055

Analysis Date: 09/30/2022

Observation Period Began: 10:00 Citation/Case Number: TEST1234 Operator Name: DAHL/ KYLE/ M Subject Name: SAMPLE/ JOHN/ A Subject Date of Birth: 01/06/1958

External Standard Lot: LOT2 6789012345678901234

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	11:43		
Internal Standard V	/ERIFIED	11:44		
Subject Sample 1				
IR Result		11:44		
EC Result		11:44		
Blank Test	*** *** *** *** ***	:		
External Standard IR		:		
External Standard E0	C	:		
Blank Test		:		
Subject Sample 2			DOS BOAT FIND AND BATE THE	w + - = = =
IR Result		:		
EC Result		:		
Blank Test		:		

# Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

Printed Name 1446 PAHL

Date 9-30-22 Location: City/State Pous Bo, with

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# WASHINGTON STATE PATROL EVIDENTIARY SUBJECT TEST ALCOTEST 9510 SERIAL NUMBER ARKD-0019

ALCOTEST 9510 SERIAL NUMBER ARKD-0019 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 09/30/2055

Analysis Date: 09/30/2022

Observation Period Began: 10:00 Citation/Case Number: TEST1234 Operator Name: DAHL/ KYLE/ M Subject Name: SAMPLE/ JOHN/ A Subject Date of Birth: 01/06/1958

External Standard Lot: LOT2 6789012345678901234

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	11:38		
Internal Standard V	'ERIFIED	11:38		
Subject Sample 1				
IR Result		11:41		
EC Result		11:41		
Blank Test	Mar 200 Mar 200 Mar 200	:		
External Standard IR		:		
External Standard E0	)	:		
Blank Test	*****************	:		
Subject Sample 2				
IR Result		:		
EC Result		;		
Blank Test		:		

Test Result: **TEST INCOMPLETE** 

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.	
Officer Signature	
Printed Name Kyce PAHL	
Date 9-30-72 Location: City/State Pousso, wh	

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ALCOTEST 9510 SERIAL NUMBER ARKD-0019 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 09/30/2055

Analysis Date: 09/30/2022

Observation Period Began: 10:00 Citation/Case Number: 1234TEST Operator Name: DAHL/ KYLE/ M Subject Name: TEST/ TEST/ Subject Date of Birth: 12/20/1957

External Standard Lot: LOT2 6789012345678901234

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	10:46		
Internal Standard VE	RIFIED	10:46		
Subject Sample 1			1.6	7.7
IR Result	0.000	10:47		
EC Result	0.000	10:47		
Blank Test	0.000	10:49		
External Standard IR	0.085	10:49		
External Standard EC	0.081	10:49		
Blank Test	0.000	10:51		
Subject Sample 2			1.6	7.1
IR Result	0.000	10:51		
EC Result	0.000	10:51		
Blank Test	0.000	10:52		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Printed Name Kyuź PAYL

Date 9-30:22 Location: City/State puls Bo, w A

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# DRAEGER ALCOTEST 9510 CALIBRATION/ADJUSTMENT RECORD

SERIAL NUMBER:

ARKD-0019

**SOFTWARE VER.:** 

8322798 1.2

CONFIG. VER.:

8322796 3.0

TECHNICIAN:

KYLE DAHL

TIME/DATE BEGAN:

07:34 09/30/2022

**CALIBRATION ADJUSTMENT PERFORMED:** 

YES

**BATCH#:** 202108D

**REF VALUE:** <u>0.0803</u>

SIM#: DR4529

THERM#: DR4529

### **CALIBRATION PROCEDURE**

Results Units g/210L

Simulator # Sim Thermometer # QAP Batch #	DF 20	R4776 R4776 2205C	DF 20	R4481 R4481 2203B	DF 20	R4486 R4486 2203C	DF 20:	4980 4980 2111G
Reference Value	0.0	0402	0.0	0807	<u> </u>	1507	0.2	2010
Sim Temp 34.0°C ± 0.2°C Before?	YE	S	YE	S	YE	:S	YE	s
	IR	EC	IR	EC	IR	EC	IR	EC
1	0.040	0.040	0.083_	0.082	0.154	<u>0.149</u>	0.211	0.203
2	0.040	0.041	0.083	0.084	0.153	<u>0.150</u>	0.208	0.202
3	0.040	0.041	0.084	0.084	0.152	<u>0.148</u>	0.205	0.199
4	0.040	0.041	0.084	0.085	0.149	<u>0.146</u>	0.202	0.196
5	0.040	0.041	0.084	0.085	0.147	0.144	0.208	0.201
Sim Temp 34.0°C ±								
0.2°C After?	YE	ES	YE	<u> </u>	YE	ES	YE	S
Mean	0.0400	0.0408	0.0836	0.0840	0.1510	0.1474	0.2068	0.2002
SD	0.0000	0.0004	0.0005	0.0012	0.0029	0.0024	0.0034	0.0028
Bias %	-0.50	1.49	3.59	4.09	0.20	2.19_		-0.40
CV %	0.00	0.98	0.60	_1.43	1.92	<u> 1.63</u>	1.64	1.40

COMPLETE BREATH TEST:

YES

ESS LOT#: 302-402246244

**EXP DATE:** 10/12/2024

INTERFERENCE TEST:

YES

**BATCH#:** 202108D

ACETONE LOT#: KD20220601

SIM#: DR4529

DR4529

THERM#: \_

INVALID SAMPLE:

YES

**REFERENCE BAROMETER S/N:** 

4100060H

COMMENTS:

AS FOUND ESS RESULT:

B. N/A

- N/A

KYLE DAHL

Technician Name

Signature

Time/Date Procedure Completed

07/06/2023

# Additional Unexpected Automatically Generated Documents Version 5.13, 1.2, 3.0

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During a review of the technicians' documentation, it was noted that printouts were automatically generated for tests other than an Incomplete, a Refusal, or a Complete Breath Test.

The instruments were generating printouts for the following:

- Status Code 3 CAL GAS SUPPLY
- Status Code 21 EXT. STANDARD FAILED
- Status Code 40 CHECK AIRWAY

These printouts are included in the technician documents.

Additional testing subsequently performed by Sergeant Sue Harbour determined that the instrument was also generating printouts for the following:

- Status Code 7 "INVALID SAMPLE"
- Status Code 8 "INTERFERENT DETECTED"
- Status Code 10 "SAMPLES OUTSIDE 10%"

These additional printouts are on the following pages.

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ALCOTEST 9510 SERIAL NUMBER ARKA-0019 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 09/27/2022

Analysis Date: 10/12/2022

Observation Period Began: **08:15**Citation/Case Number: **INVALID TEST** 

Operator Name: HARBOUR/ S/-Subject Name: TEST/ TEST/ -Subject Date of Birth: 01/01/1950 External Standard Lot: 1254236

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	08:46		
Internal Standard VE	ERIFIED	08:46		
Subject Sample 1			2.0	10.0
IR Result		08:48		
EC Result		08:48		
Blank Test		:		
External Standard IR		:		
External Standard EC				
Blank Test		:		
Subject Sample 2				
IR Result		:		
EC Result				,
Blank Test		:		

# Test Not Complete: Status Code 7

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature		
Printed Name	·	
Date	Location: City/State	

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ALCOTEST 9510 SERIAL NUMBER ARKB-0012 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 07/14/2022

Analysis Date: 10/12/2022

Observation Period Began: 12:39
Citation/Case Number: ACETONE
Operator Name: HARBOUR/ SUSAN/ K
Subject Name: DETECTED/ INTERFERENT/ -

Subject Date of Birth: 01/01/1950 External Standard Lot: 1453316

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	13:01		
Internal Standard V	'ERIFIED	13:01		
Subject Sample 1			1.6	10.9
IR Result	0.001	13:02		
EC Result	0.000	13:02		
Blank Test	0.000	13:03		
External Standard IR	0.078	13:03		
External Standard EC	0.079	13:03		
Blank Test	0.000	13:05		
Subject Sample 2			1.6	10.4
IR Result	0.093	13:05		
EC Result	0.080	13:05		
Blank Test	0.000	13:07		

# Test Not Complete: Status Code 8

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signatu	re
Printed Name _	
Date	Location: City/State

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ALCOTEST 9510 SERIAL NUMBER ARKB-0012 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.0 DATE OF LAST QAP: 07/14/2022

Analysis Date: 10/12/2022

Observation Period Began: 09:30 Citation/Case Number: 10 PERCENT Operator Name: HARBOUR/ SUSAN/ K Subject Name: PERCENT/ OUTSIDE/ 10

Subject Date of Birth: 01/01/1950 External Standard Lot: 1453316

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	09:52		
Internal Standard V	ERIFIED	09:53		
Subject Sample 1		•	2.4	10.4
IR Result	0.075	09:54		
EC Result	0.074	09:54		٠
Blank Test	0.000	09:55		
External Standard IR	0.078	09:55		
External Standard EC	0.079	09:55		
Blank Test	0.000	09:57		
Subject Sample 2			2.5	10.3
IR Result	0.141	09:57		
EC Result	0.140	09:57		
Blank Test	0.000	09:59		

# Test Not Complete: Status Code 10

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature		 
Printed Name		
Date	Location: City/State	

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Final software version 5.14, 1.2, 3.1

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# **Software version 5.14, 1.2, 3.1**

## **Requested modifications:**

- 1. Remove the default selection for gender and ethnicity.
- 2. Restrict automatically generated documents during evidential testing to complete breath tests, refusals, and incomplete tests.

Revised software delivered on November 11, 2022 contained three software versions:

WinCE: 8322797 version 5.14
M16: 8322798 version 1.2
Config: 8322796 3.1

The software was initially installed on one instrument (ARKA-0019). A QAP and testing was performed by Forensic Scientist Shelley Benante. Minor modifications and clarifications were made to the validation procedure and technician worksheets. The instrument performed as expected.

The software was then installed on six instruments and testing was performed by pairs of technicians:

- Trooper Darren Wilkes and Sergeant Pedro Zepeda performed the QAP and validation on instrument ARAF-0010.
- Trooper John Axtman and Trooper Justin Rumsey performed the QAP and validation on instrument AREH-0024.
- Trooper Chris Hooper and Trooper Tanya Wright performed the QAP and validation on instrument ARKA-0072.
- Forensic Scientist Ruth Cramer and Trooper Mike Qunell performed the QAP and validation on instrument ARKC-0022.
- Trooper Kyle Dahl and Trooper Nate Dashiell performed the QAP and validation on instrument ARKD-0019.
- Sergeant Susan Harbour and Trooper Kate LeCount performed the QAP and validation on instrument ARJN-0023.

The instrument performed as expected.

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# Procedure document Trial Run Version 5.14, 1.2, 3.1

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WINCE: 8322797 VERSION 5.14
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.1

A QAP will be performed on an instrument loaded with the new software. Verify software versions by using the internal printer and attaching the results on page one of the Software Verification Documentation.

### **Steps:**

- 1. Complete an "AS FOUND" Test, if applicable.
- 2. If applicable, **poll** the instrument, upload data, and confirm data is not corrupted.
- 3. Copy the SW\_package\_18.zip file to your computer. Double-click to unzip the file. Copy all software files to a Draeger Key (do not delete any files). Your computer must be "Bit Locker Exempt."

Name	Type	Size	Date modified
38322796.wcf	WCF File	1 KB	11/10/2022 12:13 PM
3322796A	File	16 KB	11/10/2022 1:34 PM
3322796NA	File	2,557 KB	11/10/2022 12:13 PM
8322797_5.14_0x2B9D.exe	Application	1,927 KB	11/10/2022 1:36 PM
8322798_1.2_0x3F84.bin.sig	SIG File	480 KB	9/19/2022 3:18 PM

- 4. Install the software
  - a. Insert USB into the Draeger you have chosen for the validation:
    - i. Menu
      - 1. Maintenance
        - a. Update WinCE Application 8322797 version 5.14
        - b. Run
    - ii. Menu
      - 1. Maintenance
        - a. Update Measurement System Firmware 8322798 version 1.2
        - b. Run
    - iii. Menu
      - 1. Maintenance
        - a. Update Configuration Files 8322796 version 3.1
        - b. Run
  - b. If "Load Firmware/"Wrong File" appears, Continue process.
  - c. If "Invalid Digital Signature" appears:
    - i. Maintenance
      - 1. Event Logger
        - a. Remove
          - i. Confirm Warnings
  - d. If "Invalid Digital Signature" appears even after you have followed the steps in 4c, turn the instrument off and then back on and follow the prompts.
- 5. Perform a complete QAP (following the procedure in the current 2020 Technical Manual up to and including section 3.3.8 QAP Printout). Start a timer when acetone is added during the QAP.

Ensure the printer is connected throughout the testing. Once it is verified that two documents are printed by default, **change the number of copies to** "1." All testing is to be done in Evidential Mode unless otherwise indicated (step 13). **Perform step #15C approximately 20 minutes after Acetone was added to 0.08 solution during QAP.** 

- WINCE: 8322797 VERSION 5.14
  M16: 8322798 VERSION 1.2
  CONFIG: 8322796 VERSION 3.1
- 6. Perform several breath test sequences, varying entry choices
  - a. Observation time
    - When the instrument is "READY" to begin the testing sequence, enter the time displayed on the Draeger clock. The instrument should begin a countdown timer of 16 minutes.
    - ii. When the instrument is "READY" to begin the testing sequence, enter a time exactly 15 minutes prior to the time displayed on the Draeger clock. The instrument should begin a countdown timer of one minute.
    - iii. When the instrument is "READY" to begin the testing sequence, enter a time **exactly 1** minute prior to the time displayed on the Draeger clock. The instrument should begin a countdown timer of 15 minutes.
    - iv. When the instrument is "READY" to begin the testing sequence, enter a time **exactly one minute later than** the time displayed on the Draeger clock. The instrument should **not** continue with the testing sequence.
    - v. When the instrument is "READY" to begin the testing sequence, enter a time **later than** the time displayed on the Draeger clock, example enter 2000 if the actual time is 0800 hours. The instrument should **not** continue with the testing sequence.
    - vi. When the instrument is "READY" to begin the testing sequence, enter a time **more than** 120 minutes prior to the time displayed on the Draeger clock, example enter 0800 if the actual time is 2000 hours. The instrument should <u>not</u> continue with the testing sequence.
    - wii. When the instrument is "READY" to begin the testing sequence, enter a time **exactly 120 minutes prior** to the time displayed on the Draeger clock, example enter 0800 if the actual time is 1000 hours. The instrument should continue with the testing sequence.
    - viii. When the instrument is "READY" to begin the testing sequence, enter a time **exactly 121 minutes prior** to the time displayed on the Draeger clock, example enter 0759 if the actual time is 1000 hours. The instrument should **not** continue with the testing sequence.
    - ix. When the instrument is "READY" to begin the testing sequence, enter a time **exactly 119 minutes prior** to the time displayed on the Draeger clock, example enter 0801 if the actual time is 1000 hours. The instrument should continue with the testing sequence.
    - x. Summary Screen verify time displayed matches time entered (continue to "b.")
  - b. **Operator Observed Subject Entire Time** Enter No and press Next. The test should be cancelled; complete the observation period correctly and begin again.
  - c. **Subject Smoke, Vomit, Put Anything in Mouth** Enter Yes and press Next. The test should cancelled; complete the observation period correctly and begin again.
  - d. Citation/Case Number Using a combination of alpha and numeric characters, enter the number and press Next. You may identify the step or item to be tested.
  - e. **County of Arrest** Select the county by pressing the selection box and choosing the correct county and then press Next. Verify all counties are present (see page 6).
  - f. **Crime Arrested For** Select the offense from the drop-down menu. Verify all choices are present.
  - g. **Collision Involved** Select Yes or No and then press Next.
  - h. Subject drinking at specific drinking establishment
    - i. Select No verify drop-down menu of other options will appear.
    - ii. Select Yes enter the name and location of the establishment in the fields to run a search.
  - i. PBT Given
    - i. Select No then on Summary screen, tap twice on "PBT Given" to return to entry screen
    - ii. Change selection to Yes enter a PBT time.
  - j. Summary Screen verify information displayed matches information entered
  - k. Scan Operator Card
    - i. Select No, enter information manually
    - ii. Select Yes, scan card and verify information
  - 1. Summary Screen verify information displayed matches information entered

- WINCE: 8322797 VERSION 5.14
  M16: 8322798 VERSION 1.2
  CONFIG: 8322796 VERSION 3.1
- m. **Subject Ethnic Group** Verify a default selection is <u>not</u> indicated. Select the subject's ethnicity from the drop-down menu. Verify all choices are present.
- n. Subject Driver License State
  - i. Select a state for which you have a license.
    - 1. Select "scan."
    - 2. Verify information is correctly recorded and can be modified/corrected. Verify Gender includes a third gender option for non-binary displayed as "X."
  - ii. Select any state Verify option to enter information manually
    - 1. Enter information manually.
    - 2. Verify Gender does not have a default selection indicated and includes a third gender option for non-binary displayed as "X."
- o. **Summary Screen** verify information displayed matches information entered, specifically the gender option.
- p. Provide a complete breath test
  - i. Stop prior to sample acceptance, take a breath, then continue.
- q. Printout verify the <u>two</u> printout accurately reflect data entry, requested spacing and Penalty of Perjury Statement verbiage.
- r. Change the printer setting to print one (1) copy.
- 7. Set up the instrument for a second breath test
  - a. Allow two minutes to pass Verify "Refusal" and "Incomplete" are displayed.
    - i. Select "Incomplete"
    - ii. Verify an "Incomplete" breath test document is produced
- 8. Set up the instrument for a third breath test
  - After all data is entered and breath test sequence has begun, press "Stop" verify "Refusal,"
     "Incomplete," and "Continue" are displayed.
    - i. Select "Continue." Verify instrument returns to "PLEASE BLOW" screen.
    - ii. Select "Stop" then "Refusal." Verify a "Refusal" breath test document is produced
- 9. **Identify active cylinder**. Set up to run a Supervisor Test and select the non-active cylinder. Run a supervisory test to determine the selected cylinder is accessed during the Supervisor Test. Change the active cylinder and repeat. **Use different concentrations in the inlets.**
- 10. Reprint function
  - a. Select a breath test to reprint (refusal, incomplete, or complete). Verify information is displayed on the "Reprint screen" after selecting the record to be reprinted. Reprint selected document.
  - b. Verify only the following are listed as database reprint options:
    - i. Evidential Subject Test
    - ii. Training Subject Test
    - iii. External Standard Change
    - iv. Supervisor Test
    - v. ABA
    - vi. Special ABA
    - vii. QAP Printout
- 11. Verify appropriate automatic time adjustments
  - a. Set date and time to **March 12, 2023**, 0158 hours (you may need to do this more than once). Verify time changes from 0159 hours to 0300 hours.
  - b. Set date and time to **November 06, 2022**, 0158 hours (you may need to do this more than once). Verify time changes from 0159 hours to 0100 hours.

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M16: 8322798 VERSION 1.2
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- i. When checking the November 6, 2022 time change, first change the date and time to 11/05/2022 @ 0030 hours and save. Then change the date to 11/06/2022 and save. Then change the time to 0158 hours and save.
- c. Change date and time back to current date and time.
- 12. Perform a **cylinder change** using a Gas Concentration of 0.080.
- 13. Verify the **conditional disabling algorithm** will respond appropriately (i.e. the instrument will put itself out of service) after a CAL. STANDARD FAILED code message is recorded followed by a BLOWING NOT ALLOWED, INHALATION DETECTED, or CHECK AIRWAY status code message is recorded when in Evidential Mode.

Ensure the black plastic nipple is securely in place on the Cuvette Inlet (Simulator vapor inlet port). When checking the disabling status code (step 13B & D), allow the instrument to display "CAL. STANDARD FAILED" then proceed to purge. Just as the instrument is returning to the READY screen, blow into or inhale from the mouthpiece to generate the BLOWING NOT ALLOWED or INHALATION DETECTED status code. Blocking the hose during the purge will abort the purge. In all three instances, the instrument will put itself out of service when in Evidential Mode. \*CHECK AIRWAY might not be displayed.

Connect a dry gas canister to the instrument with a concentration <u>outside</u> of the acceptable external standard range (0.072 to 0.088 inclusive).

- A. In **Evidential Mode**, perform the following:
  - 1. When the instrument is ready, provide an adequate first breath sample.
  - 2. Wait for the CAL. STANDARD FAILED status message to appear.
  - 3. Allow the instrument to continue.
  - 4. The instrument should disable itself and no printout should be generated.
- B. In Evidential Mode, restart the sequence
  - 5. When the instrument is ready, provide an adequate first breath sample.
  - 6. Wait for the CAL. STANDARD FAILED status message to appear.
  - 7. Blow into or inhale from the breath hose, or in case of purging block the breath hose BLOWING NOT ALLOWED, INHALATION DETECTED, or \*CHECK AIRWAY status code message should appear
  - 8. The instrument should disable itself and no printout should be generated.
- C. In **Training Mode**, perform the following:
  - 1. When the instrument is ready, provide an adequate first breath sample.
  - 2. Wait for the CAL. STANDARD FAILED status message to appear.
  - 3. Allow the instrument to continue
  - 4. The instrument should remain in Training Mode and return to the READY screen
  - 5. Place the instrument back into Evidential Mode
  - 6. The instrument should disable itself and no printout should be generated.
- D. In Training Mode, restart the sequence
  - 7. When the instrument is ready, provide an adequate first breath sample.
  - 8. Wait for the CAL. STANDARD FAILED status message to appear.
  - 9. Blow into or inhale from the breath hose, or in case of purging block the breath hose BLOWING NOT ALLOWED, INHALATION DETECTED, or \*CHECK AIRWAY status code message should appear

WINCE: 8322797 VERSION 5.14
M16: 8322798 VERSION 1.2
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- 10. The instrument should remain in Training Mode and return to the READY screen
- 11. Place the instrument back into Evidential Mode
- 12. The instrument should disable itself and no printout should be generated.
- 14. Verify the **conditional disabling algorithm** will respond appropriately (i.e. the instrument will put itself out of service) after a CAL GAS SUPPLY code message is recorded.
  - a. Start the breath test sequence.
  - b. Allow the instrument to proceed beyond the Diagnostic Checks, then **remove** the external standard canister(s).
  - c. When the instrument is ready, provide an adequate first breath sample.
  - d. Allow the instrument to continue.
  - e. When checking the external standard, the instrument should indicate a CAL GAS SUPPLY status code.
  - f. The instrument should disable itself and no printout should be generated.

# 15. Verify proper functioning during an INVALID SAMPLE, SAMPLES OUTSIDE 10%, AND INTERFERENT DETECTED.

- A. Set up the instrument for an evidential breath test. Exhale into the instrument during the PLEASE BLOW phase shortly after introducing into the mouth a substance containing ethyl alcohol (i.e., mouthwash). Verify "INVALID SAMPLE" is displayed, the test is aborted, no breath test document is automatically generated, and the instrument returns to "READY."
- B. Using two simulators from the QAP with solution concentrations to induce a failure of sample agreement (SAMPLES OUTSIDE 10%). Set up the instrument for an evidential breath test. Using a mouthpiece, connect the breath hose to the outlet tube. Exhale through the inlet tubing into the simulator during the PLEASE BLOW phase for each simulator. Verify "SAMPLES OUTSIDE 10%" is displayed, the test is aborted, no breath test document is automatically generated, and the instrument displays an option to use the previously entered data to begin another test.
- C. Approximately 20 minutes after acetone was added during the QAP procedure and using the simulator from the QAP with solution containing acetone to induce an INTERFERENT DETECTED status code. Set up the instrument for an evidential breath test. Using a mouthpiece, connect the breath hose to the outlet tube. Exhale through the inlet tubing into the simulator during the PLEASE BLOW phase. Verify "INTERFERENT DETECTED" is displayed, the test is aborted, no breath test document is automatically generated, and the instrument displays an option to use the previously entered data to begin another test.
- 16. Verify **polling data** reflects entered data (scanned and manual entries; gender selection; etc.). Send .a95 file to: <a href="mailto:ImpairedDrivingITSupport@wsp.wa.gov">ImpairedDrivingITSupport@wsp.wa.gov</a> AND <a href="mailto:susan.harbour@wsp.wa.gov">susan.harbour@wsp.wa.gov</a>. Please indicate that this is a TEST file and not to be uploaded into the WebDMS database.
- 17. **Sign and date all documents**. Go <u>here</u> and create a file with your name. Upload all documents to your file.

WINCE: 8322797 VERSION 5.14M16: 8322798 VERSION 1.2

• CONFIG: 8322796 VERSION 3.1

### **DROP-DOWN LISTS**

### **COUNTY OF ARREST**

# **CRIME ARRESTED FOR** DUI

Other

Assault

Physical control

0.02 Minor law

Officer self test

Domestic Violence

Commercial drivers lic.

Administrative Procedure

Boating under the Influence

Homicide by Watercraft

Assault by Watercraft

# DRINKING LOCATION

### **ETHNIC GROUP**

Adams Asotin

Asotin Benton Chelan

Clallam Clark

Columbia Cowlitz Douglas

Ferry Franklin Garfield

Grant

Grays Harbor

Island
Jefferson
King
Kitsap
Kittitas
Klickitat
Lewis
Lincoln

Lincoln Mason Okanogan Pacific

Pend Oreille

Pierce San Juan Skagit Skamania

Snohomish

Spokane Stevens

Thurston

Wahkiakum Walla Walla

Whatcom

Whitman

Yakima

Refused

Refuses to give info

Unknown

D 4/C

Banquet/formal party Club-Elks,Moose,etc

Comm non pass Dining establishment Event-sprtng,cncrt,etc.

Other

Pass/comm. conv Private conveyance Private home Public bar/tavern Drinking in Canada

Drinking in Idaho Drinking in Oregon Vessel,prvtly owned

Vessel, commercial

White Black Asian East Indian

Native American Hispanic Pacific Islander

Other

WINCE: 8322797 VERSION 5.14
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.1

# **Software Validation Documentation**

Technician:

**Instrument Serial Number:** 

**Date(s) Testing Performed:** 

Affix the initialed & dated active software versions printout here.

WINCE: 8322797 VERSION 5.14
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.1

# **Observation times**

	Draeger Displayed Time	Entered Time	Result	
i.				
ii.				
iii.				
iv.				
v.				
vi.				
vii.				
viii.				
ix.				
х.			Summary time:	
Comments				
Data entry				

Type of data	Instrument reacted as intended (yes/no)		Comments
Operator Observed Subject Entire Time	☐ Yes	□ No	
Subject Smoke, Vomit, Put Anything in Mouth	☐ Yes	□ No	
Citation/Case Number	□ Yes	□ No	
County of Arrest	□ Yes	□ No	
Crime Arrested For	☐ Yes	□ No	
Collision Involved	☐ Yes	□ No	
Subject drinking at specific drinking establishment	□ Yes	□ No	
PBT Given	□ Yes	□ No	
Summary Screen	☐ Yes	□ No	
Scan Operator Card	☐ Yes	□ No	
Summary Screen	□ Yes	□ No	
Subject Ethnic Group	□Yes	□ No	
Subject Driver License State	□Yes	□ No	
Scan WA, OR, ID, and/or NY Licenses	□ Yes	□ No	
License manual entry	□ Yes	□ No	
Gender "X"	☐ Yes	□ No	
Summary	□ Yes	□ No	
Breath Test	□ Yes	□ No	
Printed Documents (two by default)	☐ Yes	□ No	
Comments			

BAC Technician Software Validation Documentation

• WINCE: 8322797 VERSION 5.14 • M16: 8322798 VERSION 1.2 • CONFIG: 8322796 VERSION 3.1

Breath	Test So	enarios

Breath Test Scenarios		
Type of scenario	Instrument	reacted as intended (yes/no)
Not meeting sampling parameter, then continue	□ Yes	□ No
Meeting sampling parameters (complete breath test)	□ Yes	□ No
Allow two minutes to pass – Verify "Refusal" & "Incomplete" are displayed/Printout	☐ Yes	□ No
Press "Stop" – verify "Refusal," "Incomplete," & "Continue" are displayed/Printout	□ Yes	□ No
Comments		
Supervisor Test		
Type of scenario	Instrument	reacted as intended (yes/no)
Active Cylinder 1; Cylinder set to 2 during Supervisor Test/Printout	□ Yes	□ No
Active Cylinder 2; Cylinder set to 1 during Supervisor Test/Printout	☐ Yes	□No
Comments		
Reprint function		
Type of scenario	Instrument	reacted as intended (yes/no)
Verify information is displayed on the "Reprint screen" after selecting a record to be reprinted. Reprint selected document.	□ Yes	□ No
Verify identified items ARE listed as reprint options	□ Yes	□ No
Comments		
Daylight Saving Time Change	_	
Type of scenario	Instrument	reacted as intended (yes/no)
Time change on March 12, 2023	☐ Yes	□ No
Time change on November 6, 2022	□ Yes	□ No
Comments		
Cylinder Change		
Type of scenario	Instrument	reacted as intended (yes/no)
Cylinder Change & Printout	□ Yes	□ No
Comments		

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• WINCE: 8322797 VERSION 5.14 • M16: 8322798 VERSION 1.2 • CONFIG: 8322796 VERSION 3.1

Conditional	Disabling	Algorithm -	<b>Evidential Mode</b>

Conditional Disabling Algorithm – Evidential Mode		
Type of scenario	Instrument	t Out of Service (yes/no)
CAL. STANDARD FAILED – allowed to continue	☐ Yes	□ No
CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED	□Yes	□ No
CAL. STANDARD FAILED – followed by INHALATION DETECTED	□Yes	□ No
CAL. STANDARD FAILED – followed by CHECK AIRWAY	☐ Yes	□ No
Comments		
Conditional Disabling Algorithm – Training Mode		
Type of scenario	Instrument	t Out of Service (yes/no)
CAL. STANDARD FAILED – allowed to continue then placed into Evidential Mode	☐ Yes	□ No
CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED then placed into Evidential Mode	□ Yes	□ No
CAL. STANDARD FAILED – followed by INHALATION DETECTED then placed into Evidential Mode	□ Yes	□ No
CAL. STANDARD FAILED – followed by CHECK AIRWAY then placed into Evidential Mode	□ Yes	□ No
Comments	1	
Cal gas supply status code		
Type of scenario	Instrument	t Out of Service (yes/no)
CAL GAS SUPPLY – allowed to continue	☐ Yes	□ No
Comments	1	
INVALID SAMPLE, SAMPLES OUTSIDE 10%, AND INTERFERENT DETECT	ED	
Type of scenario	Instrument	t reacted as intended (yes/no)
INVALID SAMPLE	☐ Yes	□ No
SAMPLES OUTSIDE 10%	□Yes	□ No
INTERFERENT DETECTED	□Yes	□ No
Comments	<b>—</b> 103	<b>1</b> 10
Polling Data		
Verify polling data reflects information from breath test (gender selection, license	☐ Yes	□ No
information, etc).	L Tes	□ No
Comments		
Draeger Generated Documents (9) (except for Step 5, please handwrite the step num  □ Step 5: DRAEGER ALCOTEST 9510 CALIBRATION/ ADJUSTMENT REC  □ Step 6q: Complete breath test (2 copies)  □ Step 7: Incomplete  □ Step 8: Refusal  □ Step 9: Supervisory tests (2)  □ Step 10: Reprint		document(s)):

BAC Technician Software Validation Documentation

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# Technician worksheet Trial Run Version 5.14, 1.2, 3.1

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# ARKA-0019 Forensic Scientist Shelley Benante Version 5.14, 1.2, 3.1

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• WINCE: 8322797 VERSION 5.14 • M16: 8322798 VERSION 1.2 CONFIG: 8322796 VERSION 3.1

## Software Validation Documentation

Technician: Shelley Benante

Instrument Serial Number: ARKA - 0019

Date(s) Testing Performed: 11/29/2022

Draeger Alcotest 9510 Version info

Date: 29.11.2022

Serial: ARKA-0019

M16 Ver: 1.2/8322798 M16 Checksum: 0x3F84 BTL Ver: 1.5/8323536

WinCE Ver: 5.14/8322797 WinCE Checksum: 0x2B9D WinCE ImageVer: 1.8

Cfg Ver: 3.1/8322796 Ver: 3.1/8322796A NAP Ver: 3.1/8322796NA AP/NAP CRC: 0xE495/0xC365

Drink. location: 0x6AAA Lifecounter: 43401

Config files: RecordData\_095 InternalPrinterCfg\_026 TextsInternalPrt\_039 FontsinternalPrt\_001 Parameter\_039 MeasProc\_135 WinCeCfg\_053 ExternalPrtCfg\_106 Texts1ExternalPrt\_066

AccessRights\_029

Subversion: WA

WINCE: 8322797 VERSION 5.14
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.1

## Observation times

	Draeger Displayed Time	Entered Time	Result
i.	1031	1031	16 minute timer started
ii.	1033	1018	1 minute timer started
iii.	1035	1034	15 minute timer started
iv.	1036	1037	Observation Start time is valid between 0836 and 1036
v.	1037	2237	" 0837 and 1037
vi.	10381037	0830	n a 11 a
vii.	1038	0838	sequence proceeded
viii.	1039	0838	Observation start time is valid between 0839 and 1039
ix.	1040	0841	sequence proceeded
x.		0841	Summary time: 084
Com	ments		•

Data entry

Type of data	intended (	t reacted as yes/no)	Comments
Operator Observed Subject Entire Time	Yes	□ No	
Subject Smoke, Vomit, Put Anything in Mouth	<b>√</b> Yes	□ No	
Citation/Case Number	₩ Yes	□ No	
County of Arrest	☑ Yes	□ No	
Crime Arrested For	Yes	□ No	
Collision Involved	<b>✓</b> Yes	□ No	
Subject drinking at specific drinking establishment	Yes Yes	□ No	
PBT Given	□ Yes	□ No	
Summary Screen	<b>☑</b> Yes	□ No	
Scan Operator Card	Yes Yes	□ No	
Summary Screen	Yes	□ No	
Subject Ethnic Group	Yes	□ No	
Subject Driver License State	Yes	□ No	
Scan WA, OR, ID, and/or NY Licenses	Yes	□ No	
License manual entry	Yes	□ No	
Gender "X"	<b>▼</b> Yes	□ No	
Summary	<b>□</b> Yes	□ No	
Breath Test	<b>✓</b> Yes	□ No	
Printed Documents (two by default)	Yes	□ No	
Comments			

WINCE: 8322797 VERSION 5.14
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.1

T-	4.1	00 /	-	•
Rro	ath.	1201	Scena	วกเรอ
$\mathbf{p}_{1}$	44 1111	1031	DOUL	HI IUS

Type of scenario	Instrumen	nt reacted as intended (yes/no)
Not meeting sampling parameter, then continue	₩ Yes	□ No
Meeting sampling parameters (complete breath test)	☑ Yes	□ No
Allow two minutes to pass - Verify "Refusal" & "Incomplete" are displayed/Printout	<b>☑</b> Yes	□ No
Press "Stop" - verify "Refusal," "Incomplete," & "Continue" are displayed/Printout	Yes	□ No
Comments		

**Supervisor Test** 

Type of scenario	Instrumer	nt reacted as intended (yes/no)
Active Cylinder 1; Cylinder set to 2 during Supervisor Test/Printout	☑ Yes	□No
Active Cylinder 2; Cylinder set to 1 during Supervisor Test/Printout	<b>□</b> Yes	□No
Comments		

Reprint function

Type of scenario	Instrumen	t reacted as intended (yes/no)
Verify information is displayed on the "Reprint screen" after selecting a record to be reprinted. Reprint selected document.	√Yes	□ No
Verify identified items ARE listed as reprint options	<b>∠</b> Yes	□ No
Comments		

**Daylight Saving Time Change** 

Type of scenario	Instrumen	t reacted as intended (yes/no)
Time change on March 12, 2023	☑ Yes•	□ No
Time change on November 6, 2022	Yes	□ No
Comments		
Comments		

Cylinder Change

Type of scenario	Instrument reacted as intended (yes/no)
Cylinder Change & Printout	☑ Yes □ No
Comments	

WINCE: 8322797 VERSION 5.14
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.1

Conditional Disability Atyouthin - Evidential Miode	Conditional	Disabling	Algorithm -	<b>Evidential Mode</b>
---	-------------	-----------	-------------	------------------------

Type of scenario	Instrument Out of Service (yes/no)
CAL. STANDARD FAILED – allowed to continue	✓Yes □ No
CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED	☐ Yes ☐ No
CAL. STANDARD FAILED – followed by INHALATION DETECTED	✓ Yes □ No
CAL. STANDARD FAILED – followed by CHECK AIRWAY	√Yes □ No
Comments CHECK PIRWAY MESSAGE DID WENT OUT OF SERVICE	NOT APPEAR BUT INSTE

Conditional Disabling Algorithm - Training Mode

Type of scenario	Instrumen	nt Out of Service (yes/no)
CAL. STANDARD FAILED – allowed to continue then placed into Evidential Mode	Yes Yes	□ No
CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED then placed into Evidential Mode	<b>↓</b> Yes	□ No
CAL. STANDARD FAILED – followed by INHALATION DETECTED then placed into Evidential Mode	<b>□</b> Yes	□No
CAL. STANDARD FAILED – followed by CHECK AIRWAY then placed into Evidential Mode	Yes	□ No
Comments		

Cal gas supply status code

Type of scenario	Instry	unent	Out of Service (yes/no)
CAL GAS SUPPLY – allowed to continue	<b>S</b> √Y€	es	□ No
Comments			

## INVALID SAMPLE, SAMPLES OUTSIDE 10%, AND INTERFERENT DETECTED

Type of scenario	Instrument reacted as intended (yes/no)	
INVALID SAMPLE	<b>√</b> Yes	□ No
SAMPLES OUTSIDE 10%	<b>√</b> Yes	□ No
INTERFERENT DETECTED	<b>□</b> Yes	□ No
Comments		

**Polling Data** 

8			
Verify polling data reflects information from breath test (gender selection, license information, etc).	¥Υe	es □ No	
Comments			

Draeger Generated Documents (9) (except for Step 5, please handwrite the step number on the document(s)):

Step 5: DRAEGER ALCOTEST 9510 CALIBRATION/ ADJUSTMENT	î RECORI
---	----------

- Step 6q: Complete breath test (2 copies)
- Step 7: Incomplete
- Step 8: Refusal
- Step 9: Supervisory tests (2)
- Step 10: Reprint
- Step 12: Cylinder change

Error[128]MAIN-SYSTEM HW ERROR CALL 84 rcv\_timeout: 0073260 rcv\_timeout: 0064422 0064422 rcv\_timeout: ack\_received\_u8 uart1\_rcv\_status com\_control\_u8 byte 67 byte 0 byte 0 byte 0 byte byte 101 0 byte byte byte 9 0 byte 10 1 byte 11 byte 12 0 byte 0 byte 13 255 14 byte byte 6 16 byte 0 17 byte byte 18 205 19 7 byte byte 20 21 byte 22 byte 23 byte 0 24 byte 0 byte 25 0 **bvte** 26 byte 27 117 0 28 byte 255 29 byte byte

31

32 33

34

3.5

byte

by te

byte

204

14

118

 $\frac{100}{112}$ 

Dunng two hour window of the charge check time of the mins prior was entered twent to next screen but was not soved Resulted in error 128 (Configuration\_error Fault in configuration files; possibly firbidden combination of settings/paramters)

# DRAEGER ALCOTEST 9510 CALIBRATION/ADJUSTMENT RECORD

**SERIAL NUMBER:** 

ARKA-0019

**SOFTWARE VER.:** 

8322798 1.2

**CONFIG. VER.:** 

8322796 3.1

TECHNICIAN:

SHELLEY BENANTE

TIME/DATE BEGAN: 08:59 11/29/2022

CALIBRATION ADJUSTMENT PERFORMED:

**BATCH#:** 202108D

**REF VALUE:** <u>0.0803</u>

SIM#: DR4767

THERM#: DR4767

#### **CALIBRATION PROCEDURE**

Results Units g/210L

Simulator #	DR	4768	DF	R4536	DF	R4492	DF	R4531
Sim Thermometer #	DR	4768	DF	R4536	DF	R4492	DF	R4531
QAP Batch #	202	2205C	20	2203B	20	2203C	20	2111G
Reference Value	0.0	402	0.0	0807	0.	1507	0.2	2010
Sim Temp 34.0°C ±								
0.2°C Before?	YE	S	YE	<u>s</u>	YE	S	YE	<u>s</u>
	IR	EC	IR	EC	iR	EC	IR	EC
1	0.040	0.039	0.080	0.078	0.153	0.149	0.203	0.193
2	0.039	0.040	0.080	0.079	0.152	0.149	0.202	0.194
3	0.039	0.039	0.080	0.078	0.152	0.149	0.202	0.194
4	0.039	0.039	0.080	0.078	0.152	0.148	0.201	0.193
5	0.039	0.039	0.079	0.078	0.152	0.148	0.200	0.193
Sim Temp 34.0°C ±								
0.2°C After?	YE	S	YE	<u>s</u>	YE	S	YE	S
Mean	0.0392	0.0392	0.0798	0.0782	0.1522	<u>0.1486</u>	0.2016	0.1934
SD	0.0004	0.0004	0.0004	0.0004	0.0004	0.0005	0.0011	0.0005
Bias %	-2.49	-2.49	<u>-1.12</u>	3.10	1.00	1.39	0.30	-3.78
CV %	1.02	1.02	0.50	0.51	0.26	0.34	0.55	0.26

**COMPLETE BREATH TEST:** 

\_YES\_\_

ESS LOT#: <u>302-402431368</u>

**EXP DATE:** 05/10/2025

**INTERFERENCE TEST:** 

YES

BATCH#: 202203B SIM#:

DR4536

ACETONE LOT#: JV20190410

THERM#: \_\_\_ DR4536

**INVALID SAMPLE:** 

YES

REFERENCE BAROMETER S/N:

410004SZ

COMMENTS:

AS FOUND ESS RESULT:

SHELLEY BENANTE

Technician Name

IR: N/A EC: N/A

Signature | 10:13 11/29/202

Time/Date Procedure Completed

07/06/2023

ALCOTEST 9510 SERIAL NUMBER ARKA-0019 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 11/29/2022

Analysis Date: 11/29/2022

Observation Period Began: 11:00 Citation/Case Number: STEP 6

Operator Name: BENANTE/ SHELLEY/ R

Subject Name: SMITH/ JOHN/ W Subject Date of Birth: 01/01/1950 External Standard Lot: 1254236

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	11:30		
Internal Standard VE	RIFIED	11:31		
Subject Sample 1			2.1	6.5
IR Result	0.000	11:32		
EC Result	0.000	11:32		
Blank Test	0.000	11:33		
External Standard IR	0.078	11:33		
External Standard EC	0.075	11:33		
Blank Test	0.000	11:35		
Subject Sample 2			2.2	6.1
IR Result	0.000	11:35		
EC Result	0.000	11:35		
Blank Test	0.000	11:36		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature (

Printed Name

Date 11/29/22 Location: City/State

Step 69

07/06/2023

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ALCOTEST 9510 SERIAL NUMBER ARKA-0019 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 11/29/2022

Analysis Date: 11/29/2022

Observation Period Began: 11:00 Citation/Case Number: STEP 6

Operator Name: BENANTE/ SHELLEY/ R

Subject Name: SMITH/ JOHN/ W Subject Date of Birth: 01/01/1950 External Standard Lot: 1254236

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	11:30		
Internal Standard VE	RIFIED	11:31		
Subject Sample 1			2.1	6.5
IR Result	0.000	11:32		
EC Result	0.000	11:32		
Blank Test	0.000	11:33		
External Standard IR	0.078	11:33		
External Standard EC	0.075	11:33		
Blank Test	0.000	11:35		
Subject Sample 2			2.2	6.1
IR Result	0.000	11:35		
EC Result	0.000	11:35		
Blank Test	0.000	11:36		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

Printed Name

Pate // Location: City/State

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07/06/2023

ALCOTEST 9510 SERIAL NUMBER ARKA-0019 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 11/29/2022

Analysis Date: 11/29/2022

Observation Period Began: 11:45 Citation/Case Number: STEP 7

Operator Name: **BENANTE**/ **SHELLEY**/ - Subject Name: **SAMPLE**/ **BRENDA**/ **LYN** 

Subject Date of Birth: 10/01/2000 External Standard Lot: 1254236

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	12:07		
Internal Standard	VERIFIED	12:07		
Subject Sample 1			NO. 104. 104. 105. 105.	and this time that the day
IR Result		12:10		
EC Result		12:10		
Blank Test	****	:		
External Standard	IR	:		
External Standard	EC	:		
Blank Test	door soon note you have note	:		
Subject Sample 2				
IR Result				
EC Result		:		
Blank Test	200 And 200 And 200 The	:		

# Test Result: TEST INCOMPLETE

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature 🕻

**Printed Name** 

Date 11791 WLL Location: City/State

Step 7

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ALCOTEST 9510 SERIAL NUMBER ARKA-0019 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 11/29/2022

Analysis Date: 11/29/2022

Observation Period Began: 11:45 Citation/Case Number: STEP 8

Operator Name: BENANTE/ SHELLEY/ R

Subject Name: MOTORIST / MICHAEL/ M

Subject Date of Birth: 01/01/1965 External Standard Lot: 1254236

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	12:16		
Internal Standard	VERIFIED	12:16		
Subject Sample 1				
IR Result		12:18		
EC Result		12:18		
Blank Test		:		
External Standard	IR	:		
External Standard	EC	:		
Blank Test		:		
Subject Sample 2				
IR Result		:		
EC Result		:		
Blank Test				

# Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

Printed Name

Date 1/12/ WW Location: City/State

Step 8

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Test Date:

11/29/2022 12:20

Sequential Test #:

469

**Breath Test Instrument Information** 

Model

Alcotest 9510

Serial Number:

ARKA-0019

**External Standard Test Details** 

Function

Result

Time

Diagnostic

g/210L

HH:MM

ŌΚ

12:20

Test failed, Status Diagnostic

3 OK

12:21

Sig. Date:

Active Cyl 1 Selected 2

Test Date:

11/29/2022 12:22

Sequential Test #:

<u>470</u>

**Breath Test Instrument Information** 

Model

Alcotest 9510

Serial Number:

ARKA-0019

**External Standard Test Details** 

Function

Result

Time

g/210L

HH:MM

Diagnostic

OK 3

12:22

Test failed, Status Diagnostic

OK

12:23

Sig. Date:

Active Cyl 1 Selected 2

Test Date:

11/29/2022 12:24

Sequential Test #:

<u>471</u>

**Breath Test Instrument Information** 

Model

Alcotest 9510

Serial Number:

ARKA-0019

# **External Standard Test Details**

Function	Result	Time
	g/210L	HH:MM
Diagnostic	OK	12:24
Blank Test	0.000	12:24
External Standard IR	0.077	12:24
External Standard EC	0.074	12:24
Blank Test	0.000	12:25
Diagnostic	OK	12:25

Operator: Shelley Benant

Signature: Signature: Sig. Date:

Active G1 2 Selected 1

Test Date: <u>11/29/2022 12:27</u>	Sequential Test #:	472
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**Breath Test Instrument Information** 

Model Alcotest 9510 Serial Number: ARKA-0019

**External Standard Test Details** 

Function	Result	Time
	g/210L	<u>HH:MM</u>
Diagnostic	OK	12:27
Blank Test	0.000	12:27
External Standard IR	0.096	12:27
External Standard EC	0.090	12:27
Blank Test	0.000	12:28
Diagnostic	OK	12:29

Operator: Shelley Benante
Signature: Stignature: Sig. Date: 1/29/2022

Active Cyl 1 Selected 2

ALCOTEST 9510 SERIAL NUMBER ARKA-0019 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 11/29/2022

Analysis Date: 11/29/2022

Observation Period Began: 11:45 Citation/Case Number: STEP 8

Operator Name: BENANTE/ SHELLEY/ R

Subject Name: MOTORIST / MICHAEL/ M

Subject Date of Birth: 01/01/1965 External Standard Lot: 1254236

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	12:16		
Internal Standard	VERIFIED	12:16		
Subject Sample 1				
IR Result		12:18		
EC Result		12:18		
Blank Test		:		
External Standard IF	}	:		
External Standard E	C	:		
Blank Test		:		
Subject Sample 2				
IR Result		:		
EC Result		:		
Blank Test	AND NO 400 MILE THE	:		

# Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

**Printed Name** 

Date 11/29/2022 Location: City/State

sted 10 Reprint

07/06/2023

# **Washington State Patrol External Standard Change**

ARKA-0019

Test Date: Location:	03/12/2023 WASHINGTON	Sequential T 	est #:	<u>473</u>
Breath Test	nstrument Information	Serial Number	OAP [	)ate

Drygas Cylinder	<b>External Standard Information</b>
DI YUGO OYIIIIUCI	External otalidara illiorillation

Alcotest 9510

-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	10111011		
Lot Number	Concentration	Expiration	Inlet
1254236	0.080	12/24/2023	CAL GAS INLET 1

11/29/2022

# **External Standard Test Details**

Function	Result	Time
	g/210L	<u>HH:MM</u>
Blank Test	0.000	02:02
External Standard IR	0.077	02:02
External Standard EC	0.073	02:02
Blank Test	0.000	02:04
External Standard IR	0.077	02:04
External Standard EC	0.074	02:04
Blank Test	0.000	02:05
External Standard IR	0.077	02:05
External Standard EC	0.074	02:05
Blank Test	0.000	02:06

External Standard Change Results: CYLINDER INSTALLATION SUCCESSFUL

**Operator Information** 

Operator Information
Operator: SHELLEY BENANTE
Signature: Sig. Date: 03/12/2023

07/06/2023

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# Procedure document Version 5.14, 1.2, 3.1

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WINCE: 8322797 VERSION 5.14
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.1

#### Steps (read through all steps prior to commencing):

- 1. Complete an "AS FOUND" Test, if applicable.
- 2. If applicable, poll the instrument, upload data, and confirm data is not corrupted.
- 3. Click the SW\_package\_18.zip file to save it to your "Download" folder on your computer. Double-click to unzip the file. **Drag** the SW\_package\_18 <u>folder</u> to a Draeger Key (do not delete/overwrite any files). Your computer must be "Bit Locker Exempt."

#### The SW\_package\_18 folder will contain the following:

Name	Type	Size	Date modified
3322796.wcf	WCF File	1 KB	11/10/2022 12:13 PM
3322796A	File	16 KB	11/10/2022 1:34 PM
3322796NA	File	2,557 KB	11/10/2022 12:13 PM
8322797_5.14_0x2B9D.exe	Application	1,927 KB	11/10/2022 1:36 PM
8322798_1.2_0x3F84.bin.sig	SIG File	480 KB	9/19/2022 3:18 PM

- 4. Install the software
  - a. Insert USB into the Draeger you have chosen for the validation:
    - i. Menu
      - 1. Maintenance
        - a. Update WinCE Application 8322797 version 5.14
        - b. Run
    - ii. Menu
      - 1. Maintenance
        - a. Update Measurement System Firmware 8322798 version 1.2
        - b. Run
    - iii. Menu
      - 1. Maintenance
        - a. Update Configuration Files 8322796 version 3.1
        - b. Run
  - b. The following messages will appear during the installation: INVALID CONFIGURATION, Please Update, All datalogger files will be deleted. This is expected. Continue the process.
  - e. If "Load Firmware/"Wrong File" appears, Continue process.
  - d. If "Invalid Digital Signature" appears:
    - i. Maintenance
      - 1. Event Logger
        - a. Remove
          - i. Confirm Warnings
  - e. If "Invalid Digital Signature" appears even after you have followed the steps in 4c, turn the instrument off and then back on and follow the prompts.
- 5. Perform a complete QAP (following the procedure in the current 2020 Technical Manual up to and including section 3.3.8 QAP Printout (verify versions) and Set Certification). Start a timer when acetone is added during the QAP. DO NOT DISCARD QAP SOLUTIONS until the validation is complete.

WINCE: 8322797 VERSION 5.14
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.1

Include your name, the instrument number, and date(s) on page 1 of the worksheets. Ensure the printer is connected throughout the testing. All testing is to be done in Evidential Mode unless otherwise indicated (steps 14 and 15). Complete step #6A approximately 20 minutes after acetone was added to 0.08 solution during QAP to allow sufficient time for the liquid and vapor solution to equilibrate. When entering the case number, use the step number, example "STEP6A"

- 6. The following three items' intent is to verify the instrument will not automatically generate a document following detection of an interfering substance, potential mouth alcohol, or lack of sample agreement.
  - a. Verify proper functioning during an INTERFERENT DETECTED status code. (STEP6A)

    Using the simulator from the QAP with the solution containing acetone to induce an INTERFERENT

    DETECTED status code, set up the instrument for an evidential breath test. Using a mouthpiece,
    connect the breath hose to the outlet tube (see photos). Start data entry at approximately 15 minutes
    and complete at approximately 19 minutes after acetone was added so as to be able to provide a breath
    sample at approximately 20 minutes after acetone was added during the QAP procedure. Exhale into
    the inlet tubing to the simulator during the PLEASE BLOW phase to meet sample acceptance
    parameters. Verify "INTERFERENT DETECTED" is displayed, the test is aborted, no breath test
    document is automatically generated, and the instrument displays an option to use the previously
    entered data to begin another test.
  - b. Verify proper functioning during a **SAMPLES OUTSIDE 10%** status code. (STEP6B)

    Use two simulators from the QAP with solution concentrations to induce a failure of sample agreement (SAMPLES OUTSIDE 10%). Set up the instrument for an evidential breath test. Using a mouthpiece, connect the breath hose to the outlet tube. Exhale through the inlet tubing into the simulator during the PLEASE BLOW phase for each simulator. Verify "SAMPLES OUTSIDE 10%" is displayed, the test is aborted, no breath test document is automatically generated, and the instrument displays an option to use the previously entered data to begin another test.
  - c. Verify proper functioning during an INVALID SAMPLE status code. (STEP6C) Set up the instrument for an evidential breath test. Exhale into the instrument during the PLEASE BLOW phase shortly after introducing into the mouth a substance containing ethyl alcohol (i.e., mouthwash). Verify "INVALID SAMPLE" is displayed, the test is aborted, the on screen message appears, no breath test document is automatically generated, and the instrument returns to "READY."
- 7. Perform several breath test sequences, varying entry choices

#### a. Observation time

- i. When the instrument is "READY" to begin the testing sequence, **enter the time displayed** on the Draeger clock. The instrument should begin a **countdown timer of 16 minutes**. Select "STOP" then "INCOMPLETE" to proceed to ii.
- ii. When the instrument is "READY" to begin the testing sequence, enter a time **exactly 15 minutes** prior to the time displayed on the Draeger clock. The instrument should begin a **countdown timer of one minute**. Select "STOP" then "INCOMPLETE" to proceed to iii.
- iii. When the instrument is "READY" to begin the testing sequence, enter a time **exactly 1 minute** prior to the time displayed on the Draeger clock. The instrument should begin a **countdown timer of 15 minutes**. Select "STOP" then "INCOMPLETE" to proceed to iv.
- iv. When the instrument is "READY" to begin the testing sequence, enter a time **exactly one minute later than** the time displayed on the Draeger clock. The instrument should **not** continue with the testing sequence. Select "OK" then proceed to v.
- v. When the instrument is "READY" to begin the testing sequence, enter a time **later than** the time displayed on the Draeger clock, example enter 2000 if the actual time is 0800 hours. The instrument should **not** continue with the testing sequence. Select "OK" then proceed to vi.
- vi. When the instrument is "READY" to begin the testing sequence, enter a time **more than 120 minutes** prior to the time displayed on the Draeger clock, example enter 0800 if the actual time is 2000 hours. The instrument should **not** continue with the testing sequence. Select "OK" then proceed to vii.

- WINCE: 8322797 VERSION 5.14
  M16: 8322798 VERSION 1.2
  CONFIG: 8322796 VERSION 3.1
- vii. When the instrument is "READY" to begin the testing sequence, enter a time exactly 120 minutes prior to the time displayed on the Draeger clock, example enter 0800 if the actual time is 1000 hours. The instrument should continue with the testing sequence. Select "STOP," "CANCEL TEST," then "INCOMPLETE" to proceed to viii.
- viii. When the instrument is "READY" to begin the testing sequence, enter a time **exactly 121 minutes prior** to the time displayed on the Draeger clock, example enter 0759 if the actual time is 1000 hours. The instrument should **not** continue with the testing sequence. Select "OK" then proceed to ix.
  - ix. When the instrument is "READY" to begin the testing sequence, enter a time **exactly 119 minutes prior** to the time displayed on the Draeger clock, example enter 0801 if the actual time is 1000 hours. The instrument should continue with the testing sequence. Select SAVE.
  - x. Summary Screen verify time displayed from ix matches time entered from ix. (continue to "b.")
- b. **Operator Observed Subject Entire Time** Enter No and press Next. The test should be cancelled; complete the observation period correctly and begin again.
- c. **Subject Smoke, Vomit, Put Anything in Mouth** Enter Yes and press Next. The test should cancelled; complete the observation period correctly and begin again.
- d. Citation/Case Number Using a combination of alpha and numeric characters, enter the step number to be tested.
- e. **County of Arrest** Verify all counties are present in the drop-down list (see page 7). Select the county then press Next.
- f. **Crime Arrested For** Verify all choices are present in the drop-down list. Select the offense then press Next.
- g. Collision Involved Select Yes or No and then press Next.
- h. Subject drinking at specific drinking establishment
  - i. Select No Verify all choices are present in the drop-down list. Use PREVIOUS to go back.
  - ii. Select Yes Enter the name and location of an establishment in the database fields to run a search.
- i. PBT Given
  - i. Select No then on Summary screen, tap twice on "PBT Given" to return to entry screen
  - ii. Change selection to Yes enter a PBT time and result.
- j. Summary Screen verify information displayed matches information entered
- k. Scan Operator Card
  - i. Select Yes, scan card and enter "Operator Agency Code." On summary screen, verify ALL information, then double tap on "Scan operator card" entry response to navigate back.
  - ii. Select No, enter information manually
- 1. Summary Screen verify information displayed matches information entered
- m. **Subject Ethnic Group** Verify a default selection is **not** indicated. Verify all choices are present in the drop-down menu Select the subject's ethnicity.
- n. Subject Driver License State
  - i. Select a state for which you have a license.
    - 1. Select "scan."
    - 2. Verify information is correctly recorded and can be modified/corrected. Verify Gender includes a third gender option for non-binary displayed as "X."
  - ii. Select any state Verify option to enter information manually
    - 1. Enter information manually.
    - Verify Gender does <u>not</u> have a default selection indicated and includes a third gender option for non-binary displayed as "X."
- o. **Summary Screen** verify information displayed matches information entered, specifically the gender option.
- p. Provide a complete breath test (STEP7P)
  - i. Stop prior to sample acceptance, take a breath, then continue to provide two adequate samples.

- WINCE: 8322797 VERSION 5.14
  M16: 8322798 VERSION 1.2
  CONFIG: 8322796 VERSION 3.1
- q. **Printout** verify the <u>two</u> printouts accurately reflect data entry, requested spacing and Penalty of Perjury Statement verbiage (see page 8).
- r. Change the printer setting to print one (1) copy.
- 8. Set up the instrument for a **second breath test** (STEP8)
  - a. Allow two minutes to pass Verify "Refusal" and "Incomplete" are displayed.
    - i. Select "Incomplete."
    - ii. Verify an "Incomplete" breath test document is produced.
- 9. Set up the instrument for a **third breath test** (STEP9)
  - After all data is entered and breath test sequence has begun, press "Stop" verify "Refusal,"
     "Incomplete," and "Continue" are displayed.
    - i. Select "Continue." Verify instrument returns to "PLEASE BLOW" screen.
    - ii. Select "Stop" then "Refusal." Verify a "Refusal" breath test document is produced.
- 10. Identify active cylinder. Set up to run a Supervisor Test and select the non-active cylinder. Run a supervisory test to determine the selected cylinder is accessed during the Supervisor Test. Change the active cylinder and repeat. Use different concentrations in the inlets to confirm cylinder accessed.
- 11. Reprint function (Handwrite "REPRINT" on printout)
  - a. Select an evidential breath test to reprint (refusal, incomplete, or complete). Verify information is displayed on the "Reprint screen" after selecting the record to be reprinted (see page 8). Reprint selected document.
  - b. Verify only the following are listed as database reprint options:
    - i. Evidential Subject Test
    - ii. Training Subject Test
    - iii. External Standard Change
    - iv. Supervisor Test
    - v. ABA
    - vi. Special ABA
    - vii. QAP Printout
- 12. Perform a **cylinder change** using a Gas Concentration of 0.080. Ensure that at least one cylinder has an expiration date after March 12, 2023.
- 13. Verify appropriate automatic time adjustments
  - a. Set date and time to **March 12, 2023**, 0158 hours (you may need to do this more than once). Verify time changes from 0159 hours to 0300 hours.
  - b. Set date and time to **November 06, 2022**, 0158 hours (you may need to do this more than once). Verify time changes from 0159 hours to 0100 hours.
    - i. When checking the November 6, 2022 time change, first change the date and time to 11/05/2022 @ 0030 hours and save. Then change the date to 11/06/2022 and save. Then change the time to 0158 hours and save.
  - c. Change date and time back to current date and time.
- 14. Verify the **conditional disabling algorithm** will respond appropriately (i.e. the instrument will put itself out of service) after a CAL. STANDARD FAILED code message is recorded followed by a BLOWING NOT ALLOWED, INHALATION DETECTED, or CHECK AIRWAY status code message is recorded when in Evidential Mode. Ensure the **black plastic cover** is securely in place on the Cuvette Inlet (Simulator vapor inlet port), before you begin this step.

WINCE: 8322797 VERSION 5.14
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.1

Connect a dry gas canister to the instrument with a concentration <u>outside</u> of the acceptable external standard range of 0.072 to 0.088 inclusive.

#### A. In Evidential Mode, perform the following: (STEP14A)

- 1. When the instrument is ready, provide an adequate first breath sample.
- 2. Wait for the CAL. STANDARD FAILED status message to appear.
- 3. Allow the instrument to continue.
- 4. The instrument should disable itself and no printout should be generated.

#### B. In Evidential Mode, restart the sequence (STEP14B)

- 1. When the instrument is ready, provide an adequate first breath sample.
- Wait for the CAL. STANDARD FAILED status message to appear. Allow purging to
  complete, then *immediately* when READY appears, blow into the breath hose, BLOWING
  NOT ALLOWED status code message should appear. The instrument should disable itself and
  no printout should be generated.

#### C. In **Evidential Mode**, restart the sequence (STEP14C)

- 1. When the instrument is ready, provide an adequate first breath sample.
- 2. Wait for the CAL. STANDARD FAILED status message to appear. Allow purging to complete, then *immediately* when READY appears, inhale from the breath hose, INHALATION DETECTED status code message should appear. The instrument should disable itself and no printout should be generated.

#### D. In **Evidential Mode**, restart the sequence (STEP14D)

- 1. Ensure the black cover is in place on the cuvette inlet port.
- 2. When the instrument is ready, provide an adequate first breath sample.
- 3. Wait for the CAL. STANDARD FAILED status message to appear. Allow purging to begin then block the breath hose. CHECK AIRWAY may not appear but the instrument will abort purging. The instrument should disable itself and no printout should be generated.

#### E. In **Training Mode**, perform the following: (STEP14E)

- 1. When the instrument is ready, provide an adequate first breath sample.
- 2. Wait for the CAL. STANDARD FAILED status message to appear.
- 3. Allow the instrument to continue.
- 4. The instrument should remain in Training Mode and return to the READY screen.
- 5. Place the instrument back into Evidential Mode.
- 6. The instrument should disable itself and no printout should be generated.

#### F. In **Training Mode**, restart the sequence (STEP14F)

- 1. When the instrument is ready, provide an adequate first breath sample.
- Wait for the CAL. STANDARD FAILED status message to appear. Allow purging to
  complete, then *immediately* when READY appears, blow into the breath hose, BLOWING
  NOT ALLOWED status code message should appear.
- 3. The instrument should remain in Training Mode, no printout should be generated, and return to the READY screen.
- 4. Place the instrument back into Evidential Mode.
- 5. The instrument should disable itself and no printout should be generated.

#### G. In **Training Mode**, restart the sequence (STEP14G)

1. When the instrument is ready, provide an adequate first breath sample.

- WINCE: 8322797 VERSION 5.14
  M16: 8322798 VERSION 1.2
  CONFIG: 8322796 VERSION 3.1
- 2. Wait for the CAL. STANDARD FAILED status message to appear. Allow purging to complete, then *immediately* when READY appears, *inhale* from the breath hose, INHALATION DETECTED status code message should appear.
- 3. The instrument should remain in Training Mode, no printout should be generated, and return to the READY screen.
- 4. Place the instrument back into Evidential Mode.
- 5. The instrument should disable itself and no printout should be generated.
- H. In **Training Mode**, restart the sequence (STEP14H)
  - 1. When the instrument is ready, provide an adequate first breath sample.
  - 2. Wait for the CAL. STANDARD FAILED status message to appear. Allow purging to begin then block the breath hose. CHECK AIRWAY may not appear but the instrument will abort purging.
  - 3. The instrument should remain in Training Mode, no printout should be generated, and return to the READY screen.
  - 4. Place the instrument back into Evidential Mode.
  - 5. The instrument should disable itself and no printout should be generated.
- 15. Verify the **conditional disabling algorithm** will respond appropriately (i.e. the instrument will put itself out of service) after a CAL GAS SUPPLY code message is recorded.
  - A. In Evidential Mode, perform the following: (STEP15A)
    - 1. Start the breath test sequence.
    - 2. Allow the instrument to proceed beyond the Diagnostic Checks, then **remove** the external standard canister(s).
    - 3. When the instrument is ready, provide an adequate first breath sample.
    - 4. Allow the instrument to continue.
    - 5. When checking the external standard, the instrument should indicate a CAL GAS SUPPLY status code.
    - 6. The instrument should disable itself and no printout should be generated.
  - B. In **Training Mode**, perform the following: (STEP15B)
    - 1. Start the breath test sequence.
    - 2. Allow the instrument to proceed beyond the Diagnostic Checks, then remove the external standard canister(s).
    - 3. When the instrument is ready, provide an adequate first breath sample.
    - 4. Allow the instrument to continue.
    - When checking the external standard, the instrument should indicate a CAL GAS SUPPLY status code.
    - 6. The instrument should remain in Training Mode, no printout should be generated, and return to the READY screen.
    - 7. Place the instrument back into Evidential Mode.
    - 8. The instrument should disable itself and no printout should be generated.
  - 16. Verify polling data reflects entered data (scanned and manual entries; gender selection; etc.). Send .a95 file to: <a href="mailto:limpairedDrivingITSupport@wsp.wa.gov">limpairedDrivingITSupport@wsp.wa.gov</a> AND <a href="mailto:susan.harbour@wsp.wa.gov">susan.harbour@wsp.wa.gov</a>. Please indicate that this is a TEST file and not to be uploaded into the WebDMS database.
  - 17. **Sign/initial and date all documents**. Go <u>here</u> and create a file with your name. Upload all documents to your file.

• WINCE: 8322797 VERSION 5.14

• M16: 8322798 VERSION 1.2

• CONFIG: 8322796 VERSION 3.1

#### **DROP-DOWN LISTS**

#### **COUNTY OF ARREST**

# **CRIME ARRESTED FOR** DUI

Other

Assault

Physical control

0.02 Minor law

Officer self test

Domestic Violence

Commercial drivers lic.

Administrative Procedure

Boating under the Influence

Homicide by Watercraft

Assault by Watercraft

#### 0 - 6 - - - 1

#### **ETHNIC GROUP**

Adams Asotin

Asotin
Benton
Chelan
Clallam

Clark

Columbia
Cowlitz
Douglas
Ferry
Franklin
Garfield

Grant

Grays Harbor

Island
Jefferson
King
Kitsap
Kittitas
Klickitat
Lewis
Lincoln
Mason

Okanogan Pacific

Pend Oreille

Pierce San Juan Skagit Skamania

Snohomish

Spokane

Stevens Thurston

Wahkiakum

Walla Walla

Whatcom

Whitman

Yakima

Refused

Refuses to give info

DRINKING LOCATION

Unknown

Banquet/formal party Club-Elks, Moose, etc

Comm non pass Dining establishment Event-sprtng,cncrt,etc.

Other

Pass/comm. conv Private conveyance Private home Public bar/tavern Drinking in Canada Drinking in Idaho Drinking in Oregon Vessel,prvtly owned

Vessel, commercial

White Black Asian

East Indian Native American

Hispanic Pacific Islander

Other

WINCE: 8322797 VERSION 5.14
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.1

# Step 7q: Breath Test Document Verbiage and spacing:

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

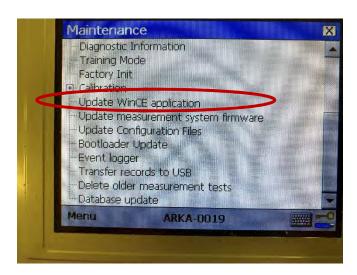
I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

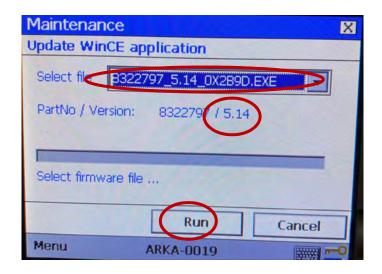
Officer Signature		
Printed Name	¥	
Date	Location: City/State	

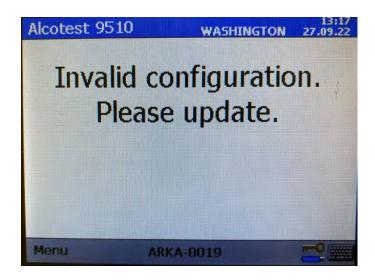
#### Step 11a: Reprint example



## **Update WinCE Application 8322797 version 5.14**

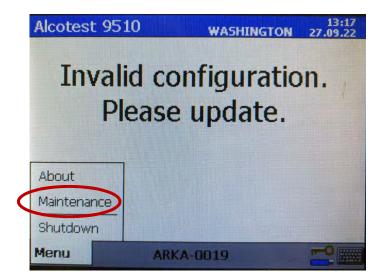


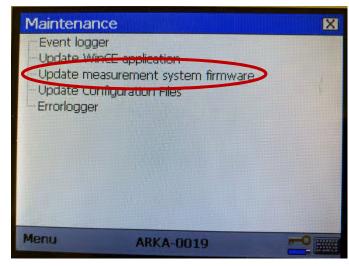


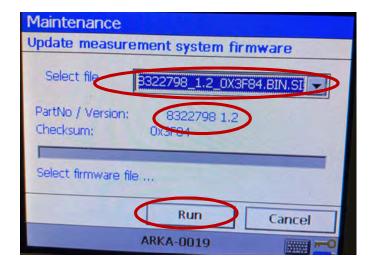


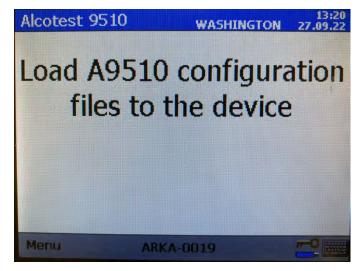
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## **Update Measurement System Firmware 8322798 version 1.2**



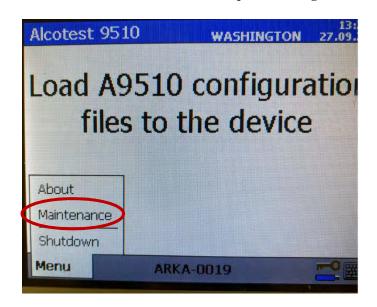


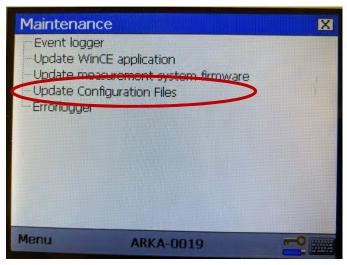


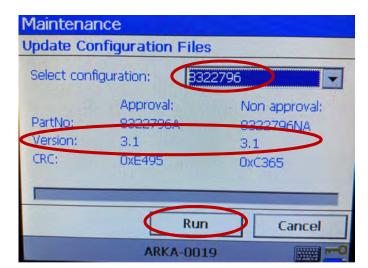


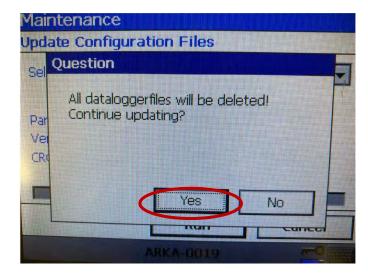
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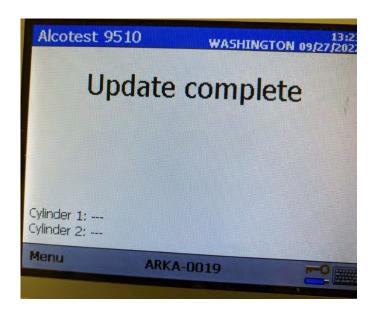
## **Update Configuration Files 8322796 version 3.0**







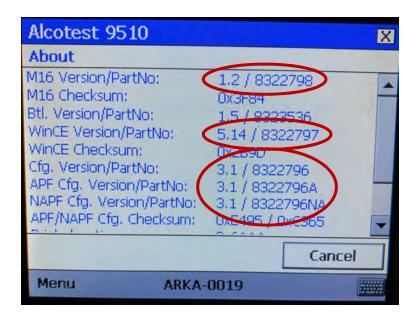




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# **Update Complete**



Draeger Alcotest 9510 Version info Date: 29.11.2022 Time: 14:35 Serial: ARKA-0019 M16 Ver 1.2/8322798 M16 Checksum: 0x3F84 BTL Ver: 1.5/8323536 WinCE Ver: 5.14/8322797 WinCE Checksum: 0x2B9D WinCE ImageVer: 1.8 Cfg Ver: 3.1/8322796 AP Ver: 3.1/8322796A NAP Ver: 3.1/8322796NA AP/NAP CRC: 0xE495/0xC365 Drink. location: 0x6AAA Lifecounter: 43405 Config files: RecordData\_095 InternalPrinterCfg\_026 TextsInternalPrt\_039 FontsInternalPrt\_001 Parameter\_039

MeasProc\_135
WinCeCfg\_053
ExternalPrtCfg\_106
Texts1ExternalPrt\_066
AccessRights\_029 Subversion: WA

Page **4** of **4** 

Step 6A & B: INTERFERENT DETECTED & SAMPLES OUTSIDE 10%



You will exhale into a short piece of tubing.

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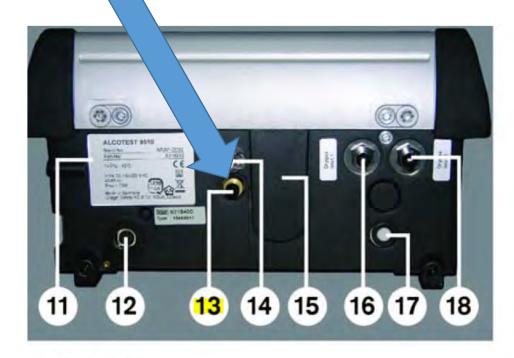
Step 6A & B: INTERFERENT DETECTED & SAMPLES OUTSIDE 10%



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**Step 14: CONDITIONAL DISABLING ALGORITHM** 





- 11 Type plate
- 12 Accessory socket (for interface of peripherals)
- 13 Cuvette Inlet (Simulator vapor inlet port)
- 14 Simulator pump outlet port
- 15 Exhaust port (cuvette outlet, protected against blockage)
- 16 Dry gas inlet 1 port(internally valved with electro solenoids)
- 17 Purge outlet port
- 18 Dry gas inlet 2 port(internally valved with electro solenoids)

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WINCE: 8322797 VERSION 5.14
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.1

# **Software Validation Documentation**

**Technicians:** 

**Instrument Serial Number:** 

**Date(s) Testing Performed:** 

Verify the software versions are correct:

WINCE: 8322797 VERSION 5.14

M16: 8322798 VERSION 1.2

**CONFIG: 8322796 VERSION 3.1** 

Affix the initialed & dated active software versions printout here.

WINCE: 8322797 VERSION 5.14
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.1

INTERFERENT DETECTED,	INVALID SAMPLE, AND	SAMPLES OUTSIDE 10% (	(Step 6)

INTE	ERFERENT DETEC	CTED					☐ Yes	□ No	
SAM	PLES OUTSIDE 1	0%					☐ Yes	□ No	
INV	ALID SAMPLE						□Yes	□ No	
Com	ments						-1		
Obser	vation times (Step	7)							_
	Draeger Displayed Time	Entered Time				R	esult		
i.	Displayed Time								
ii.									
iii.									
iv.									
v.									
vi.									
vii.									
viii.									_
ix.									
х.			Summa	ry time:					
	ments			- <u>J</u>					
Data e	entry (Step 7)			1					
Туре	of data			Instrumen intended (	t reacted as	Comme	nts		
Opera	ator Observed Subje	ect Entire Time		☐ Yes	□ No				
	ect Smoke, Vomit, I		outh	□ Yes	□ No				
	on/Case Number			□ Yes	□ No				
	ty of Arrest			□ Yes	□No				
	e Arrested For			□ Yes	□ No				
	sion Involved			☐ Yes	□ No				
Subje	ect drinking at speci	fic drinking establi	shment	□ Yes	□ No				
	Given			□Yes	□ No				
Sumr	nary Screen			□ Yes	□No				
	Operator Card			☐ Yes	□ No				
Sumr	nary Screen			☐ Yes	□ No				
	ect Ethnic Group			□ Yes	□ No				
Subje	ect Driver License S	State		□ Yes	□ No				
Scan	WA, OR, ID, and/o	or NY Licenses		☐ Yes	□ No				
Licer	se manual entry			☐ Yes	□ No				
Gend	er "X"			□ Yes	□ No				
Sumr	nary Screen			□ Yes	□ No				
	h Test			□ Yes	□ No				
Printe	ed Documents (two	by default)		□ Yes	□ No				
	ments	*				1			

BAC Technician Software Validation Documentation

Instrument reacted as intended (yes/no)

Type of scenario

WINCE: 8322797 VERSION 5.14
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.1

Breath Test Scenarios (Steps 7 - 9)		
Type of scenario	Instrumen	t reacted as intended (yes/no)
Not meeting sampling parameter, then continue	□ Yes	□ No
Meeting sampling parameters (complete breath test)	☐ Yes	□ No
Allow two minutes to pass – Verify "Refusal" & "Incomplete" are displayed/Printout	☐ Yes	□ No
Press "Stop" – verify "Refusal," "Incomplete," & "Continue" are displayed/Printout	☐ Yes	□ No
Comments	•	
Supervisor Test (Step 10)		
Type of scenario	Instrumen	t reacted as intended (yes/no)
Active Cylinder 1; Cylinder set to 2 during Supervisor Test/Printout	□ Yes	□ No
Active Cylinder 2; Cylinder set to 1 during Supervisor Test/Printout	□ Yes	□ No
Comments		
Reprint function (Step 11)		
Type of scenario	Instrumen	t reacted as intended (yes/no)
Verify information is displayed on the "Reprint screen" after selecting a record to be reprinted. Reprint selected document.	□Yes	□ No
Verify identified items ARE listed as reprint options	☐ Yes	□ No
Comments  C. F. J. Cl. (Ct. 12)		
Cylinder Change (Step 12)	I. stansman	'
Type of scenario		t reacted as intended (yes/no)
Cylinder Change & Printout Comments	☐ Yes	□ No
Comments		
Daylight Saving Time Change (Step 13)		
Type of scenario		t reacted as intended (yes/no)
Time change on March 12, 2023	□ Yes	□ No
Time change on November 6, 2022	☐ Yes	□ No
Comments		
Conditional Disabling Algorithm – Evidential Mode (Step 14A through 14D)		
Type of scenario	Instrumen	t Out of Service (yes/no)
CAL. STANDARD FAILED – allowed to continue	□ Yes	□ No
CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED	☐ Yes	□ No
CAL. STANDARD FAILED – followed by INHALATION DETECTED	☐ Yes	□ No
CAL. STANDARD FAILED – followed by CHECK AIRWAY	☐ Yes	□ No
Comments	•	

BAC Technician Software Validation Documentation

WINCE: 8322797 VERSION 5.14
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.1

Conditional Disabling	Algorithm –	Training Mode (	Ster	o 14E through 14H	)

Type of scenario	Instrument	t Out of Service (yes/no)
CAL. STANDARD FAILED – allowed to continue then placed into Evidential Mode	☐ Yes	□ No
CAL. STANDARD FAILED – allowed to continue then placed into Evidential Mode  CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED then	□ 1 es	LI INO
placed into Evidential Mode	☐ Yes	□ No
CAL. STANDARD FAILED – followed by INHALATION DETECTED then placed	_	
into Evidential Mode	☐ Yes	□ No
CAL. STANDARD FAILED – followed by CHECK AIRWAY then placed into Evidential Mode	□ Yes	□ No
Comments	•	
Cal gas supply status code – Evidential Mode (Step 15A)		
Type of scenario	Instrument	t Out of Service (yes/no)
CAL GAS SUPPLY – allowed to continue	□Yes	□ No
Comments	l	
Cal gas supply status code – Training Mode (Step 15B)		
Type of scenario	Instrument	t Out of Service (yes/no)
CAL GAS SUPPLY – allowed to continue then placed into Evidential Mode	□Yes	□ No
Comments		
Polling Data (Step 16)		
Verify polling data reflects information from breath test (gender selection, license	□Yes	□ No
information, etc).	L Tes	□ No
Comments		
Draeger Generated Documents (9):		
☐ Step 5: DRAEGER ALCOTEST 9510 CALIBRATION/ ADJUSTMENT	DECODD	
<u>.</u>	KECOKD	
☐ Step 8: Incomplete		
☐ Step 9: Refusal		
☐ Step 10: Supervisory tests (2)		
☐ Step 11: Reprint		
☐ Step 12: Cylinder change		

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# Technician worksheets Version 5.14, 1.2, 3.1

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ARAF-0010
Trooper Darren Wilkes &

Sergeant Pedro Zepeda
Version 5.14, 1.2, 3.1

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WINCE: 8322797 VERSION 5.14
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.1

#### **Software Validation Documentation**

Technicians: Darren Wilkes, Pedro Zepeda

Instrument Serial Number: ARAF-0010

Date(s) Testing Performed: 12/22/2022

Draeger Alcotest 9510 Version info

Date: 22.12.2022 Time: 07:32

Serial: ARAF-0010

M16 Ver: 1.2/8322798 M16 Checksum: 0x3F84 BTL Ver: 1.5/8323536

WinCE Ver:5.14/8322797 WinCE Checksum:0x2B9D WinCE ImageVer:1.8

Cfg Ver: 3.1/8322796 AP Ver: 3.1/8322796A NAP Ver: 3.1/8322796NA AP/NAP CRC: 0xE495/0xC365

Drink. location: 0x6AAA Lifecounter: 1815

Config files:
RecordData\_095
InternalPrinterCfg\_026
TextsInternalPrt\_039
FontsInternalPrt\_001

Parameter\_039
MeasProc\_135
WinCeCfg\_053
ExternalPrtCfg\_106
Texts1ExternalPrt\_066
AccessRights\_029

Sockyersion:

12/22/22

WINCE: 8322797 VERSION 5.14
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.1

17-22-2022

INTERFERENT DETECTED, INVALID SAMPLE, AND SAMPLES OUTSIDE 10% (Step 6)

Type of scenario	Instrument	t reacted as intended (yes/no)
INTERFERENT DETECTED	⊠ Yes	□ No
SAMPLES OUTSIDE 10%	⊠ Yes	□ No (.04/.08)
INVALID SAMPLE	⊠ Yes	□No
Comments Everything worked as expected. Forgot to enter STEP6B into Dreager on	that step (10%	%)

Observation times (Step 7)

	Draeger Displayed Time	Entered Time	Result
i.	0905	0905	Instrument started 16 minute countdown.
ii.	0906	0851	Started one minute countdown
iii.	0907	0906	Started 15 minute countdown
iv.	0908	0909	"observation start time" is valid between 0708 and 0908, did not continue
v.	0910	2000	Same as above 0710 and 0910, would not continue.
vi.	0911	0710	Same as above 0711 and 0911, would not continue
vii.	0912	0712	Allowed to proceed to testing.
viii.	0913	0712	"observation start time" is valid between 0713 and 0913, would not continue
ix.	0914	0715	Continued to testing
х.		0914	Summary time: 0914
Com	ments: worked as e	xpected	

Data entry (Step 7)

Type of data	Instrument reacted as intended (yes/no)		Comments
Operator Observed Subject Entire Time	⊠ Yes	□ No	·
Subject Smoke, Vomit, Put Anything in Mouth	ĭ Yes	□ No	
Citation/Case Number	⊠ Yes	□ No	
County of Arrest	⊠ Yes	□ No	
Crime Arrested For	⊠ Yes	□ No	
Collision Involved	⊠ Yes	□ No	
Subject drinking at specific drinking establishment	ĭ Yes	□ No	Joe's Log Cabin
PBT Given	⊠ Yes	□ No	
Summary Screen	⊠ Yes	□ No	
Scan Operator Card	⊠ Yes	□ No	Had issues with card scanning, scanned on second try
Summary Screen	⊠ Yes	□ No	
Subject Ethnic Group	⊠ Yes	□ No	Not defaulted and all races are present
Subject Driver License State	⊠ Yes	□ No	
Scan WA, OR, ID, and/or NY Licenses	⊠ Yes	□ No	Don't have any of the license listed or out of state
License manual entry	⊠ Yes	□ No	
Gender "X"	⊠ Yes	□ No	
Summary Screen	ĭ Yes	□ No	
Breath Test	ĭ Yes	□ No	STEP7P, cal Standard Fail, re did step and passed
Printed Documents (two by default)	⊠ Yes	□ No	

DWD / 12-22-2022

• WINCE: 8322797 VERSION 5.14 • M16: 8322798 VERSION 1.2 • CONFIG: 8322796 VERSION 3.1

Comments: Had issues with scanner and would not scan BAC card or regular license.	Scanned items on second attempt after
starting sequence over.  Breath Test Scenarios (Steps 7 - 9)	
Type of scenario	Instrument reacted as intended (yes/no)
Not meeting sampling parameter, then continue	⊠ Yes □ No
Meeting sampling parameters (complete breath test)	⊠ Yes □ No
Allow two minutes to pass – Verify "Refusal" & "Incomplete" are displayed/Printout	⊠ Yes □ No
Press "Stop" – verify "Refusal," "Incomplete," & "Continue" are displayed/Printout	⊠ Yes □ No
Comments	
Supervisor Test (Step 10)	
Type of scenario	Instrument reacted as intended (yes/no)
Active Cylinder 1; Cylinder set to 2 during Supervisor Test/Printout(.08)	⊠ Yes □ No
Active Cylinder 2; Cylinder set to 1 during Supervisor Test/Printout (.095)	⊠ Yes □ No
Comments	
Reprint function (Step 11)	
Type of scenario	Instrument reacted as intended (yes/no)
Verify information is displayed on the "Reprint screen" after selecting a record to be reprinted. Reprint selected document.	⊠ Yes □ No
Verify identified items ARE listed as reprint options	⊠ Yes □ No
Comments	
Cylinder Change (Step 12)	
Type of scenario	Instrument reacted as intended (yes/no)
Cylinder Change & Printout	⊠ Yes □ No
Comments	
Daylight Saving Time Change (Step 13)	
Type of scenario	Instrument reacted as intended (yes/no)
Time change on March 12, 2023	⊠ Yes □ No
Time change on November 6, 2022	⊠ Yes □ No
Comments	
Conditional Disabling Algorithm – Evidential Mode (Step 14A through 14D)	
Type of scenario	Instrument Out of Service (yes/no)
CAL. STANDARD FAILED – allowed to continue	⊠ Yes □ No
CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED	⊠ Yes □ No
CAL. STANDARD FAILED – followed by INHALATION DETECTED	⊠ Yes □ No
CAL. STANDARD FAILED – followed by CHECK AIRWAY	⊠ Yes □ No

12-22-2022

• WINCE: 8322797 VERSION 5.14 • M16: 8322798 VERSION 1.2 • CONFIG: 8322796 VERSION 3.1

Comments Used .095 external gas		
		1.0.1
Conditional Disabling Algorithm – Training Mode (Step 14E through 14H)		
Type of scenario		t Out of Service (yes/no)
CAL. STANDARD FAILED – allowed to continue then placed into Evidential Mode	ĭ Yes	□ No
CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED then placed into Evidential Mode	⊠ Yes	□ No
CAL. STANDARD FAILED – followed by INHALATION DETECTED then placed into Evidential Mode	⊠ Yes	□ No
CAL. STANDARD FAILED – followed by CHECK AIRWAY then placed into Evidential Mode	⊠ Yes	□No
Comments		
Cal gas supply status code – Evidential Mode (Step 15A)		
Type of scenario	Instrumen	t Out of Service (yes/no)
CAL GAS SUPPLY – allowed to continue	⊠ Yes	□ No
Comments		
·		
Cal gas supply status code – Training Mode (Step 15B)		
Type of scenario	Instrumen	t Out of Service (yes/no)
CAL GAS SUPPLY – allowed to continue then placed into Evidential Mode	⊠ Yes	□ No
Comments		:
Polling Data (Step 16)		
Verify polling data reflects information from breath test (gender selection, license information, etc).	ĭ Yes	□ No
Comments		
Draeger Generated Documents (9):		
☐ Step 5: DRAEGER ALCOTEST 9510 CALIBRATION/ ADJUSTMENT	RECORD	
☐ Step 7p-q: Complete breath test (2 copies)		•
☐ Step 8: Incomplete		
☐ Step 9: Refusal		
☐ Step 10: Supervisory tests (2)		
☐ Step 11: Reprint		
☐ Step 12: Cylinder change		

Washington State Patrol Breath Test Program

12-22-2022

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# DRAEGER ALCOTEST 9510 CALIBRATION/ADJUSTMENT RECORD

**SERIAL NUMBER:** 

**SOFTWARE VER.:** 

07/06/2023

ARAF-0010

8322798 1.2

CONFIG. VER.:	8322796 3.1							
TECHNICIAN:	WILKES/D							
TIME/DATE BEGAN:	07:36 12/22	/2022						
CALIBRATION ADJUS			YES		O114# DD4	F40	THEOM#. C	D4516
BATCH#:	: <u>202108D</u>	RI	<b>EF VALUE</b> : <u>0.</u> 9	0803	<b>SIM#</b> : <u>DR4</u> :	516	THERM#: D	14310
			CALIBRATION Resul	<b>ON PROCE!</b> ts Units g/21				
Simulator #	DR	4539	DR4	1472	DE	R5936	DR	4484
Sim Thermometer #		4539		1472		R5936		4484
QAP Batch #		2111A		110C	20	2111F		2106D
Reference Value	0.0	405	0.08	306	0.1	1506	0.2	006
Sim Temp 34.0°C ±		_			VE	-0	YE	C
0.2°C Before?	YE	EC EC	YES	EC	IR YE	EC EC	IR	EC
1	I <b>R</b> 0.039_	0.039	0.080	0.078	0.148_	0.145	0.199	0.193
2		0.039	0.080	0.079	0.149	0.146	0.199	0.195
3		0.039	0.080	0.079	0.148	0.146	0.199	0.194
4		0.039	0.080	0.079	0.149	0.146	0.199	0.195
5	0.039	0.039	0.080	0.079	0.148	0.146	0.198	0.194
Sim Temp 34.0°C ±		_		÷		-0	VE	0
0.2°C After?	YE		YES		YE	0.1458	YE 0.1988	0.1942
Mear		0.0390	0.0800	0.0788	<u>0.1484</u> 0.0005	0.0004	0.0004	0.0008
SD Bias %		-3.70	-0.74	-2.23	-1.46	-3.19	-0.90	-3.19
	6 0.00	0.00	0.00	0.51	0.34	0.27	0.20	0.41
COMPLETE BREATH	TEST:	YES	ESS LOT#:	1309737		EXP DATE	: 04/08/202	23
INTERFERENCE TEC	т.	YES	ВАТСН#:	202108D		SIM#:	DR4516	
INTERFERENCE TES	11	160		LOT#: TM2	0170323	THERM#:	DR4516	
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
INVALID SAMPLE:	•	YES_						
REFERENCE BARON	METER S/N:	4100060	)G					
COMMENTS:								
40 F0(N) F00 F=0		ID		EC				
AS FOUND ESS RES	OLI:	IR:	N/	EC:		,		
	/ /	, , ,	M/M/M		~ (3)	Ur /		
WILKES/D	1	Janah	MILL		00,	45/12	<u>-12-202</u>	2
Technician Name		Signatur	е			/Time/Da	te Procedure	Completed

ALCOTEST 9510 SERIAL NUMBER ARAF-0010 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 12/22/2022



12-22-2022

Analysis Date: 12/22/2022

Observation Period Began: 09:30 Citation/Case Number: STEP7P

Operator Name: WILKES/ DARREN/ W Subject Name: DOE/ MARY/ JANE Subject Date of Birth: 05/03/1970 External Standard Lot: 302-402311366

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	10:06		
Internal Standard VE	ERIFIED	10:06		
Subject Sample 1			2.2	8.0
IR Result	0.000	10:07		
EC Result	0.000	10:07		
Blank Test	0.000	10:08		
External Standard IR	0.080	10:09		
External Standard EC	0.075	10:09		
Blank Test	0.000	10:10		,
Subject Sample 2			2.2	8.4
IR Result	0.000	10:11		
EC Result	0.000	10:11		
Blank Test	0.000	10:11		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature		
Printed Name		
Date	Location: City/State	

ALCOTEST 9510 SERIAL NUMBER ARAF-0010 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 12/22/2022 STED 7D

DUD 13

12-22-2022

Analysis Date: 12/22/2022

Observation Period Began: **09:30** Citation/Case Number: **STEP7P** 

Operator Name: WILKES/ DARREN/ W Subject Name: DOE/ MARY/ JANE Subject Date of Birth: 05/03/1970 External Standard Lot: 302-402311366

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	10:06		
Internal Standard \	/ERIFIED	10:06		
Subject Sample 1			2.2	8.0
IR Result	0.000	10:07		
EC Result	0.000	10:07		
Blank Test	0.000	10:08		
External Standard IR	0.080	10:09		
External Standard Ed	C 0.075	10:09		
Blank Test	0.000	10:10		
Subject Sample 2			2.2	8.4
IR Result 0.000		10:11		
EC Result 0.000		10:11		
Blank Test	0.000	10:11		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature		
Printed Name		
Date	Location: City/State	

ALCOTEST 9510 SERIAL NUMBER ARAF-0010 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 12/22/2022



Analysis Date: 12/22/2022

Observation Period Began: **09:45** Citation/Case Number: **STEP8** 

Operator Name: WILKES/ DARREN/ W Subject Name: SAMPLE/ JOHN/ A Subject Date of Birth: 01/06/1958 External Standard Lot: 302-402311366

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	10:17		
Internal Standard VE	RIFIED	10:18		e e
Subject Sample 1				
IR Result		10:20		
EC Result	교 <b>리 보 후 1</b> 4 후	10:20		
Blank Test		:		
External Standard IR		:		
External Standard EC				
Blank Test		:		
Subject Sample 2				
IR Result		:		
EC Result		:		
Blank Test				

# Test Result: TEST INCOMPLETE

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

l declare under pena	Ity of perjury under the law of Washing	ton that the foregoing is true and correct.
Officer Signature		
Printed Name		
Date	Location: City/State	

ALCOTEST 9510 SERIAL NUMBER ARAF-0010 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 12/22/2022



Analysis Date: 12/22/2022

Observation Period Began: 10:00 Citation/Case Number: STEP9

Operator Name: WILKES/ DARREN/ W Subject Name: HARRISON/ JOHN/ W Subject Date of Birth: 02/29/1960 External Standard Lot: 302-402311366

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	10:24		
Internal Standard	VERIFIED	10:24		
Subject Sample 1				
IR Result		10:26		
EC Result	世祖 東京 20 20	10:26		
Blank Test		:		
External Standard I	R	:		
External Standard I	EC			
Blank Test				
Subject Sample 2			new year from this will date	
IR Result		:		
EC Result		:		
Blank Test		:		

#### Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct. Officer Signature \_\_\_\_\_ Printed Name Date \_\_\_\_\_Location: City/State \_\_\_\_\_

Step10

# Washington State Patrol Supervisor Test

Active #2 Tested #1

Test Date: <u>12/22/2022 10:35</u>		Sequential Test	#: <u>635</u>	
Breath Test I	nstrument Information			
Model	Alcotest 9510	Serial Number:	<u>ARAF-0</u>	MW A
External Star	ndard Test Details			D
	Function  Diagnostic Blank Test External Standard IR External Standard EC Blank Test Diagnostic	g/210L OK 0.000 0.095 0.092 0.000	Time <u>HH:MM</u> 10:35 10:35 10:35 10:35 10:36 10:37	2-22-222
Operator:				
Signature:			Sig. Date: _	

Step 10

# Washington State Patrol Supervisor Test

Active #1 Tested #2

Test Date:	12/22/2022 10:31	Sequential Tes	st #: <u>634</u>	
Breath Test I	Instrument Information			
Model	Alcotest 9510	Serial Number	: ARA	AF-0010
External Sta	ndard Test Details  Function  Diagnostic  Blank Test  External Standard  External Standard  Blank Test  Diagnostic		Time <u>HH:MM</u> 10:31 10:31 10:31 10:32 10:32	2-22-2022
Operator: _		And the second s		
Signature: _		-	Sig. Date:	Manager of the Control of the Contro

REDRILL

WASHINGTON STATE PATROL EVIDENTIARY SUBJECT TEST

ALCOTEST 9510 SERIAL NUMBER ARAF-0010 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 12/22/2022

MAN A

Analysis Date: 12/22/2022

Observation Period Began: 10:00 Citation/Case Number: STEP9

Operator Name: WILKES/ DARREN/ W Subject Name: HARRISON/ JOHN/ W Subject Date of Birth: 02/29/1960 External Standard Lot: 302-402311366



Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	10:24		
Internal Standard	VERIFIED	10:24		
Subject Sample 1				
IR Result	서 다 한 다 저 저	10:26		
EC Result	<b>电影型性型</b>	10:26		
Blank Test		:		
External Standard	IR	:		
External Standard	EC			
Blank Test		:		
Subject Sample 2			DE UN 200 PAR THE	
IR Result	10 m 10 m 17 in			
EC Result	41 to 15 Ti M			
Blank Test		:		

### Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature \_\_\_\_\_\_

Printed Name \_\_\_\_\_\_

Location: City/State \_\_\_\_\_\_

STEP 12

# Washington State Patrol External Standard Change

Test Date:	12/22/2022	Se	equential T	est #: <u>636</u>	
Location:	WASHINGTON				
Prooth Toot	nstrument Information				ALD /=
Dieam lest	Model	Serial	Number	QAP Date	0, 7
	Alcotest 9510	ARAF		12/22/2022	
	Alcotest 0010	7 (17 (1	0010	12/21/202	12-22-202
Drygas Cylir	nder External Standard Inform				
	Lot Number		entration	Expiration	Inlet
	1309737	0.080		04/08/2023	CAL GAS INLET 1
<b>External Sta</b>	ndard Test Details				
	Function		Result	Time	
			<u>g/210L</u>	<u>HH:MM</u>	
	Blank Test		0.000	10:43	
	External Standard		0.080	10:44	
	External Standard	EC	0.077	10:44	
	Blank Test		0.000	10:45	
	External Standard		0.079	10:45	
	External Standard	EC	0.077	10:45	
	Blank Test		0.000	10:46	
	External Standard		0.079	10:46	
	External Standard	EC	0.078	10:46	
	Blank Test		0.000	10:47	
External Sta	ndard Change Results: CYL	INDER	INSTALL	ATION SUCC	ESSFUL
Operator Inf	ormation ARREN WILKES				
				0	40/00/0000
Signature: _				Sig. Date:	12/22/2022

AREH-0024
Trooper John Axtman &

Trooper Justin Rumsey
Version 5.14, 1.2, 3.1

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 WINCE: 8322797 VERSION 5.14 • M16: 8322798 VERSION 1.2 • CONFIG: 8322796 VERSION 3.1

#### **Software Validation Documentation**

Technicians: Justin RumsEY / JOHN ANTMAN

Instrument Serial Number: AREH-0024

Date(s) Testing Performed: /2-14-2077

Draeger Alcotest 9510 Version info

Date: 14.12.2022 Time: 08:39

Serial: AREH-0024

M16 Ver: 1.2/8322798 M16 Checksum: 0x3F84 BTL Ver: 1.5/8323536

WinCE Ver:5.14/8322797 WinCE Checksum:0x2B9D WinCE ImageVer:1.6

Cfg Ver: 3.1/8322796 AP Ver: 3.1/8322796A NAP Ver: 3.1/8322796NA AP/NAP CRC: 0xE495/0xC365

Drink. location: 0x6AAA Lifecounter: 54781

Config files: RecordData\_095 Internal Printer Cfg\_026
Texts Internal Prt\_039 FontsInternalPrt\_001 Parameter\_039 MeasProc\_135 WinCeCfg\_053 ExternalPrtCfg\_106 Texts1ExternalPrt\_066

Subversion: WΑ

AccessRights\_029

Mr. Win

BAC Technician Software Validation Documentation

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- WINCE: 8322797 VERSION 5.14
- M16: 8322798 VERSION 1.2
- CONFIG: 8322796 VERSION 3.1

INTERFERENT DETECTED, INVALID SAMPLE, AND SAMPLES OUTSIDE 10% (Step 6)

Type of scenario	Instrume	nt reacted as intended (yes/no)
INTERFERENT DETECTED	<b>⊠</b> Yes	□No
SAMPLES OUTSIDE 10%	🗵 Yes	□ No
INVALID SAMPLE	☑ Yes	□ No
Comments		

Observation times (Step 7)

Obser	vation times (Step	<i>'</i> )	
	Draeger Displayed Time	Entered Time	Result
i.	11:22	11:22	16 MEN CANT DAWN TIMER
ii.	11:25	11:10	MEN CAMT DAWN TEMER
iii.	11:26	11:25	15 MEN COUNT DAW TENER
iv.	11:27	11:28	OBSERVATON SMART TIME IS VALLO BETWEEN 0927 AND 1127
ν.	11:28	23:28	OBSERVATAN SIMIT TENE IS VALTO BET VEEN 0928 AND 1128
vi.	11:29	09:00	OBSERVATEN SMASS TEMS DI VALED DETWEEN 0929 AND 1129
vii.	11:30	09:30	PROCERDED UPAH DATA FEMILY
viii.	11:32	09:31	QUIERVATON SMAT TEMERS VMED BETWEEN OFFIZ AND 1172
ix.	/1:34	209:35 09:35	PROETEDED VATI PAMA FORTY
x.		09:35	Summary time: 09:35
Com	ments		

Data entry (Step 7)

Type of data	Instrumen intended (	it reacted as (yes/no)	Comments
Operator Observed Subject Entire Time	⊠ Yes	□ No	
Subject Smoke, Vomit, Put Anything in Mouth	₩ Yes	□ No	
Citation/Case Number	⊠ Yes	□ No	
County of Arrest	X Yes	□ No	
Crime Arrested For	🛮 Yes	□ No	
Collision Involved	🗷 Yes	□ No	
Subject drinking at specific drinking establishment	🛛 Yes	□ No	
PBT Given	⊠ Yes	□ No	
Summary Screen	🖾 Yes	□ No	
Scan Operator Card	₩ Yes	□ No	
Summary Screen	🗷 Yes	□ No	
Subject Ethnic Group	⊠ Yes	□ No	
Subject Driver License State	₩ Yes	□ No	
Scan WA, OR, ID, and/or NY Licenses	⊠ Yes	□ No	
License manual entry	X Yes	□ No	·
Gender "X"	₩ Yes	□ No	
Summary Screen	Ø Yes	□ No	
Breath Test	₩ Yes	□ No	
Printed Documents (two by default)	Ď Yes	□ No	HAN A CAL SMOMIND RADE NO TECHET PROTER OUT.
Comments			MANUALLY PREMIED THE TELLET FACHELL MESSLES.

BAC Technician Software Validation Documentation

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 WINCE: 8322797 VERSION 5.14 M16: 8322798 VERSION 1.2

• CONFIG. 8322/70 YERGKON 312	
Breath Test Scenarios (Steps 7 - 9) Type of scenario	Instrument reacted as intended (yes/no)
Not meeting sampling parameter, then continue	☑ Yes ☐ No
Meeting sampling parameters (complete breath test)	☑ Yes ☐ No
Allow two minutes to pass – Verify "Refusal" & "Incomplete" are displayed/Printout	☑ Yes □ No
Press "Stop" – verify "Refusal," "Incomplete," & "Continue" are displayed/Printout	図 Yes □ No
Comments	
Supervisor Test (Step 10)	Man Visual server a Market 1990 and 18 Market 1990 and 1990 a
Type of scenario	Instrument reacted as intended (yes/no)
Active Cylinder 1; Cylinder set to 2 during Supervisor Test/Printout	▼ Yes □ No
Active Cylinder 2; Cylinder set to 1 during Supervisor Test/Printout	☑ Yes □ No
Comments WED A 17.15 DRY GAS CHANGER AND AND. 08 CYLEMER	
Reprint function (Step 11)	
Type of scenario	Instrument reacted as intended (yes/no)
Verify information is displayed on the "Reprint screen" after selecting a record to be reprinted. Reprint selected document.	¥Yes □ No
Verify identified items ARE listed as reprint options	Ø Yes □ No
Comments	
Cylinder Change (Step 12)	17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Type of scenario	Instrument reacted as intended (yes/no)
Cylinder Change & Printout	⊠ Yes □ No
Comments	
Daylight Saving Time Change (Step 13)	
Type of scenario	Instrument reacted as intended (yes/no)
Time change on March 12, 2023	☑ Yes □ No
Time change on November 6, 2022	☑ Yes □ No
Comments DEP ONE TEST WITH OUDSTNATEON PROTEON STANTENG AT 0140	THEN TIME CHANGE

OCCUMPARD DUREN THE THAT.

Conditional Disabling Algorithm - Evidential Mode (Step 14A through 14D)

Type of scenario	Instrument Out of Service (yes/no)
CAL. STANDARD FAILED – allowed to continue	ĭ Yes ☐ No
CAL, STANDARD FAILED – followed by BLOWING NOT ALLOWED	☑ Yes ☐ No
CAL. STANDARD FAILED – followed by INHALATION DETECTED	☑ Yes □ No
CAL. STANDARD FAILED – followed by CHECK AIRWAY	☑ Yes ☐ No
Comments	

BAC Technician Software Validation Documentation

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- WINCE: 8322797 VERSION 5.14
- M16: 8322798 VERSION 1.2
- CONFIG: 8322796 VERSION 3.1

Conditional Disabling Algorithm – Training Mode (Step 14E through 14H)	
Type of scenario	Instrument Out of Service (yes/no)
CAL. STANDARD FAILED - allowed to continue then placed into Evidential Mode	ĭ¥Yes □ No
CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED then placed into Evidential Mode	☑ Yes □ No
CAL. STANDARD FAILED – followed by INHALATION DETECTED then placed into Evidential Mode	⊠ Yes □ No
CAL. STANDARD FAILED – followed by CHECK AIRWAY then placed into Evidential Mode	⊠ Yes □ No
Comments	
G. L. J. Butlandal Made (Stop 15A)	
Cal gas supply status code – Evidential Mode (Step 15A)	Instrument Out of Service (yes/no)
Type of scenario	A CONTRACTOR OF THE CONTRACTOR
CAL GAS SUPPLY – allowed to continue	☑ Yes □ No
Comments	
Cal gas supply status code – Training Mode (Step 15B)	
Type of scenario	Instrument Out of Service (yes/no)
CAL GAS SUPPLY – allowed to continue then placed into Evidential Mode	☑ Yes ☐ No
Comments	
Comments	
Polling Data (Step 16)	
Verify polling data reflects information from breath test (gender selection, license	Ø Yes □ No
information, etc).	
Comments	

Draeger Generated Documents (9):

Pa s	Step 5:	DRAEGER ALCOTEST	9510 CALIBRATION/	ADJUSTMENT	RECORD
------	---------	------------------	-------------------	------------	--------

- ☑ Step 7p-q: Complete breath test (2 copies)
- Step 8: Incomplete
   Incomplete
- ☑ Step 10: Supervisory tests (2)
- ☑ Step 11: Reprint

AN 12-14-22

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# DRAEGER ALCOTEST 9510 CALIBRATION/ADJUSTMENT RECORD

SERIAL NUMBER:	AREH-0024							
SOFTWARE VER.:	8322798 1.2							
CONFIG. VER.:	8322796 3.1							
TECHNICIAN:	AXTMAN/RL	JMSEY						
TIME/DATE BEGAN:	08:43 12/14/	/2022						
CALIBRATION ADJUS	STMENT PER	FORMED:	YES	3				
	: <u>202108D</u>		F VALUE: 0.	0803	SIM#: DR2	513	THERM#: [	)R2513
`		·						
			CALIBRATI					
			Hesu	lts Units g/2	TUL			
Simulator #		4777		4978		R4778		4544
Sim Thermometer #		4777 2111A		4978 203B		2203C		1 <u>4544</u> 2111G
QAP Batch # Reference Value		405	0.08			507		2010
Sim Temp 34.0°C ±				_		-0	VE	· C
0.2°C Before?	YE:	S	YES	EC EC	YE IR	EC	YE IR	EC
1		0.039	0.080_	0.078	<u>0.149</u>	0.144	0.200	0.193
. 2		0.040	0.079	0.078	0.149	0.146	0.200	0.194
3		<u>0,039</u> 0.040	<u>0.079</u> 0.079	<u>0.079</u> 0.079	0.149 0.149	0.146 0.145	0.200	0.194 0.194
5		0.040	0.080	0.078	0.149	0.146	0.199	0.194
Sim Temp 34.0°C ±				_		-0	YE	:0
0,2°C After?	<u>YE</u> n 0.0392	S 0.0396	YE 0.0794	0.0784	0,1490_	0.1454	0.1998	0.1938
	0.0004	0.0005	0.0005	0.0005	0.0000	0.0009	0.0004	0.0004
	63.21	-2.22	-1.61	-2.85	<u>-1.13</u>	-3.52	-0.60	-3.58
CV 9	% <u>1.02</u>	1.26	0.63	0.64	0.00	0.62	0.20	0.21
COMPLETE BREATH	i TEST:	YES_	ESS LOT#:	302-4023	371868	EXP DATE	E: <u>02/28/20</u> 2	25
INTERFERENCE TES	2T•	YES	BATCH#:	202108D		SIM#:	DR2513	
INTERNETION TEC	71.			LOT#: JM		THERM#:	DR2513	
INVALID SAMPLE:		YES						
REFERENCE BARO	METER S/N:	4100045	SU					
COMMENTS:								
AS FOUND ESS RES	SULT:	IR: 1	V/A	EC: N	/A			
		2 Lace	1	1.				
AXTMAN/RUMSEY	12	<del>-</del> 451		7_	,	0954 Am	12/14/	2022 Completed
Technician Name		Signatur	e//	•		THOIDS	tio i locedule	, Joinpiolec

07/06/2023

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ALCOTEST 9510 SERIAL NUMBER AREH-0024 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 12/14/2022

Analysis Date: 12/14/2022

Observation Period Began: 12:00 Citation/Case Number: STEP7P Operator Name: RUMSEY/ JUSTIN/ -

Subject Name: TEST/TE/T

Subject Date of Birth: 01/01/1950 External Standard Lot: 1428765

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	12:19		
Internal Standard VE	RIFIED	12:20		
Subject Sample 1			2.0	7.3
IR Result	0.000	12:21		
EC Result	0.000	12:21		
Blank Test	0.000	12:22		
External Standard IR	0.080	12:22		
External Standard EC	0.075	12:22		
Blank Test	0.000	12:24		
Subject Sample 2			4.7	17.2
IR Result	0.000	12:25		
EC Result	0.000	12:25		
Blank Test	0.000	12:26		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

Printed Name JOHN AXIMAN

JUSTIN RUMSEY

Date 12/14/22

Location: City/State SPOILAND, WA

ALCOTEST 9510 SERIAL NUMBER AREH-0024 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 12/14/2022

Analysis Date: 12/14/2022

Observation Period Began: 12:00 Citation/Case Number: STEP7P Operator Name: RUMSEY/ JUSTIN/ -

Subject Name: TEST/TE/T

Subject Date of Birth: 01/01/1950 External Standard Lot: 1428765

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	12:19		
Internal Standard VE	RIFIED	12:20		
Subject Sample 1			2.0	7.3
IR Result	0.000	12:21		
EC Result	0.000	12:21	•	!
Blank Test	0.000	12:22		
External Standard IR	0.080	12:22		
External Standard EC	0.075	12:22		
Blank Test	0.000	12:24		
Subject Sample 2			4.7	17.2
IR Result	0.000	12:25		
EC Result	0.000	12:25		
Blank Test	0.000	12:26		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

Printed Name JUSTA RUMSEY

JOHN AXTMAN

Date 12-14-2022 Location: City/State Spokawa, WA

ALCOTEST 9510 SERIAL NUMBER AREH-0024 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 12/14/2022

Analysis Date: 12/14/2022

Observation Period Began: 12:05 Citation/Case Number: STEP8 Operator Name: AXTMAN/ JOHN/ G

Subject Name: **TEST/TEST/-**Subject Date of Birth: **01/01/1950**External Standard Lot: **1428765** 

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	Volume liters	Blowtime seconds
Blank Test	0.000	12:30		
Internal Standard	VERIFIED	12:30		
Subject Sample 1				
IR Result	20 配度更常用	12:33		
EC Result	gal (au) (au) (au) (au)	12:33		
Blank Test				
External Standard	IR			
External Standard	EC			
Blank Test				
Subject Sample 2			pa pa = = = = = =	
IR Result	New Seel, Seel Seel, Seel, Seel			
EC Result				
Blank Test	~~~			

### Test Result: TEST INCOMPLETE

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

Printed Name JOHN AXTMAN

JUTIN RUMSEY

Date 12/14/2022 Location: City/State Spokare, MA

ALCOTEST 9510 SERIAL NUMBER AREH-0024 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 12/14/2022

Analysis Date: 12/14/2022

Observation Period Began: 12:05 Citation/Case Number: STEP9 Operator Name: AXTMAN/ JOHN/ G Subject Name: TEST/ TEST/ -

Subject Name: TEST/ TEST/ Subject Date of Birth: 01/01/1950
External Standard Lot: 1428765

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	12:37		
Internal Standard	VERIFIED	12:37		
Subject Sample 1			Table your most soul short	********
IR Result	XX 301 301 301 520 520	12:38		
EC Result	克 美 型 智 超 超	12:38		
Blank Test	*** *** *** *** ***	:		
External Standard	IR	;		
External Standard	EC	:		
Blank Test				
Subject Sample 2			died dreit jame best und mass	
IR Result				
EC Result	美国美国家科			
Blank Test		;		

### Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

Printed Name JOHN AXIMAN JUSTON RUMSEY

Date 12/14/2022 Location: City/State SPOLPNO, WA

### Washington State Patrol **Supervisor Test**

Test Date:	12/14/2022 12:44	Sequential Test #:	1316
Breath Test I	nstrument Information		
Model	Alcotest 9510	Serial Number:	AREH-0024

# **External Standard Test Details**

Model

Alcotest 9510

Function	Result	Time
	g/210L	<u>HH:MM</u>
Diagnostic	ОK	12:44
Blank Test	0.000	12:44
External Standard IR	0.145	12:44
External Standard EC	0.136	12:44
Blank Test	0.000	12:45
Diagnostic	OK	12:46

Operator: JOHN AXTMAN Sig. Date: 1<u>2-//4/22</u> Signature:

### Washington State Patrol Supervisor Test

Test Date:	12/14/2022 12	2:48	Sequential Test	t #:	1317		
Breath Test Ir	strument Info	rmation					
Model	Alcotest 9510	)	Serial Number:		AREH-00	024	
External Stan	dard Test Deta	ails					
	Dia Bla Ext Ext Bla	nction agnostic ank Test ternal Standard IR ternal Standard EC ank Test agnostic	Result g/210L OK 0.000 0.078 0.074 0.000 OK	Time HH:MN 12:48 12:48 12:48 12:48 12:49 12:50	<u>M</u>		
Operator:	JOHN AYT	MAN JUST	ED RUMSOY	Sia Da	ate: K	 2.//4/2022	)

ALCOTEST 9510 SERIAL NUMBER AREH-0024 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 12/14/2022 Ro. PRAIN

Analysis Date: 12/14/2022

Observation Period Began: 12:05 Citation/Case Number: STEP9 Operator Name: AXTMAN/ JOHN/ G Subject Name: TEST/ TEST/ -Subject Date of Birth: 01/01/1950 External Standard Lot: 1428765

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	12:37		
Internal Standard	VERIFIED	12:37		
Subject Sample 1			74 pp =1 11 11 11	10 m w m m m
IR Result	88888	12:38		٠
EC Result		12:38		
Blank Test				
External Standard	IR			
External Standard	EC	<u>-</u>		
Blank Test		:		
Subject Sample 2			yes one me put put me	
IR Result	202055	:		•
EC Result	80000000	:		
Blank Test	, , , , , , , , , , , , , , , , , , ,			

#### Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

Officer Signature

Printed Name

TOHN AXTMON

TUSTEN RUMSBY

Date 12/14/2022 Location: City/State 5/01/And, WA

#### Washington State Patrol **External Standard Change**

Sequential Test #: 1318 12/14/2022 Test Date: WASHINGTON Location: **Breath Test Instrument Information QAP** Date Serial Number Model AREH-0024 12/14/2022 Alcotest 9510 **Drygas Cylinder External Standard Information** Concentration Inlet Expiration Lot Number 02/28/2025 CAL GAS INLET 1 0.080 302-402371868 **External Standard Test Details** Time Result Function HH:MM g/210L 12:55 Blank Test 0.000 0.080 12:56 External Standard IR 12:56 External Standard EC 0.074 0.000 12:57 Blank Test 0.080 12:57 External Standard IR External Standard EC 12:57 0.076 12:58 0.000 Blank Test 0.079 12:58 External Standard IR 12:58 0.076 External Standard EC 12:59 0.000 Blank Test

External Standard Change Results: CYLINDER INSTALLATION SUCCESSFUL

JOHN AXTMAN

Operator Information

Operator: JUSTIN RUMSEY

Signature:

Sig. Date:

12/14/2022

ARKA-0072
Trooper Chris Hooper &

Trooper Tanya Wright
Version 5.14, 1.2, 3.1

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• WINCE: 8322797 VERSION 5.14 M16: 8322798 VERSION 1.2 • CONFIG: 8322796 VERSION 3.1

#### **Software Validation Documentation**

Technicians:

Instrument Serial Number: C. Hooper/T. WRIGHT

Date(s) Testing Performed: 01/06/2023

Draeger Alcotest 9510 Version info

Date: 06.01.2023

Time: 07:42

Serial: ARKA-0072/

M16 Ver: 1.2/8322798

M16 Checksum: 0x3F84 BTL Ver: 1.5/8323536

WinCE Ver:5.14/8322797 WinCE Checksum:0x2B9D WinCE ImageVer:1.8

Cfg Ver: 3.1/8322796 AP Ver: 3.1/8322796A NAP Ver: 3.1/8322796NA AP/NAP CRC: 0xE495/0xC365

Drink. location: 0x6AAA Lifecounter: 42881

Config files: RecordData 095

InternalPrinterCfg\_026 TextsInternalPrt\_039 FontsinternalPrt\_001

Parameter\_039 MeasProc\_135 WinCeCfg\_053

ExternalPrtCfg\_106 Texts1ExternalPrt\_066

AccessRights\_029

Je 527 Ce 527 Uller

• WINCE: 8322797 VERSION 5.14 • M16: 8322798 VERSION 1.2 • CONFIG: 8322796 VERSION 3.1

INTERFERENT DETECTED, INVALID SAMPLE	AND SAMPLES OUTSIDE 10% (	(Step 6)
--------------------------------------	---------------------------	----------

Type of scenario	Instrume	at reacted as intended (yes/no)
INTERFERENT DETECTED SAID INVALID SAMPLE	☐ Yes	DNO 1.5 ml & 3ml W. 0807
SAMPLES OUTSIDE 10% 2010 \$ .0402	☐ Yes	PNOSAIO INVIALIOSAMPLE
INVALID SAMPLE (MOUTHCASH)	∠D Yes	□ No
Comments ACETONE @0920	415-3-10	

Observation times (Step 7)

Obser	vation times (Step	1)	
	Draeger Displayed Time	Entered Time	Result
i.	0949	0949	16 MIN CONTDOWN TIMER
ii.	0951	0936	1 MIN COUNTDOWN TIMER
iii.	0952	0951	15 MIN CONTDOWN TIMER
iv.	0953	0954	OBS. START TIME IS VALID 0753-0953
v.	0954	2154	OBS. START TIME IS VALID 0754-0954
vi.	0955	0754	OBS START TIME IS VALID 0755-0955
vii.	0956	0756	WAST INTO DATA ENTRY
viii.	0957	0756	OBS. START TIME IS UNCID 0757 - 0957
ix.	1002	OBOL	PROCEED W/ DATA ENTRY
x.		00,02	Summary time: 0862
Com	ments		

Data entry (Step 7)

Yes	<ul> <li>□ No</li> </ul>	
Yes	<ul> <li>□ No</li> </ul>	
Yes Yes Yes Yes Yes Yes Yes Yes Yes	<ul><li>□ No</li><li>□ No</li><li>□ No</li><li>□ No</li><li>□ No</li><li>□ No</li></ul>	
Yes Yes Yes Yes Yes Yes Yes Yes	□ No □ No □ No □ No □ No □ No	
Yes Yes Yes Yes Yes Yes	□ No □ No □ No □ No	
Yes Yes Yes Yes	□ No □ No □ No	
Yes Yes Yes	□ No	
Yes Yes	□ No	
Yes		
	□ No	
Yes	□ No	
'Yes	□ No	
Yes	□ No	
'Yes	□ No	
Yes	□ No	
Yes	□ No	
· Valida	tion Docur	mentation Page 2 of 4 Page 392 of 449 205
	Yes	Yes         □ No           Yes         □ No

WINCE: 8322797 VERSION 5.14
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.1

neeting sampling parameter, then continue ing sampling parameters (complete breath test)  / Yes ing sampling parameters (complete breath test)  / Yes www minutes to pass - Verify "Refusal" & "Incomplete" are displayed/Printout  / Yes "Stop" - verify "Refusal," "Incomplete," & "Continue" are displayed/Printout  / Yes	reacted as intended (yes/no)
ing sampling parameters (complete breath test)  If yes It wo minutes to pass — Verify "Refusal" & "Incomplete" are displayed/Printout If yes If the minutes to pass — Verify "Refusal" & "Continue" are displayed/Printout If yes Instrument Instrument If yes It function (Step 10) Instrument If yes Instrument Inst	
w two minutes to pass – Verify "Refusal" & "Incomplete" are displayed/Printout "Stop" – verify "Refusal," "Incomplete," & "Continue" are displayed/Printout ments  Prisor Test (Step 10)  of scenario   Instrument	□ No
"Stop" – verify "Refusal," "Incomplete," & "Continue" are displayed/Printout nents  visor Test (Step 10)  of scenario	□ No
risor Test (Step 10)  of scenario  e Cylinder 1; Cylinder set to 2 during Supervisor Test/Printout  e Cylinder 2; Cylinder set to 1 during Supervisor Test/Printout  int function (Step 11)  of scenario  y information is displayed on the "Reprint screen" after selecting a record to be lated. Reprint selected document.  y identified items ARE listed as reprint options  nents  ler Change (Step 12)  of scenario  der Change & Printout  nents  ht Saving Time Change (Step 13)  of scenario  change on March 12, 2023  change on November 6, 2022  nents  tional Disabling Algorithm – Evidential Mode (Step 14A through 14D)  of scenario  STANDARD FAILED – followed by BLOWING NOT ALLOWED  STANDARD FAILED – followed by INHALATION DETECTED  Yes  STANDARD FAILED – followed by UNHALATION DETECTED  Yes  STANDARD FAILED – followed by UNHALATION DETECTED  Yes  STANDARD FAILED – followed by CHECK AIRWAY	□ No
of scenario e Cylinder 1; Cylinder set to 2 during Supervisor Test/Printout e Cylinder 2; Cylinder set to 1 during Supervisor Test/Printout  in trunction (Step 11) of scenario y information is displayed on the "Reprint screen" after selecting a record to be lated. Reprint selected document. y identified items ARE listed as reprint options ments  ler Change (Step 12) of scenario der Change (Step 12) of scenario der Change & Printout ments  ht Saving Time Change (Step 13) of scenario change on March 12, 2023 change on November 6, 2022 ments  tional Disabling Algorithm — Evidential Mode (Step 14A through 14D) of scenario STANDARD FAILED — allowed to continue STANDARD FAILED — followed by BLOWING NOT ALLOWED STANDARD FAILED — followed by INHALATION DETECTED STANDARD FAILED — followed by CHECK AIRWAY  Yes  STANDARD FAILED — followed by CHECK AIRWAY Yes	LI NO
of scenario e Cylinder 1; Cylinder set to 2 during Supervisor Test/Printout e Cylinder 2; Cylinder set to 1 during Supervisor Test/Printout  in trunction (Step 11) of scenario y information is displayed on the "Reprint screen" after selecting a record to be lated. Reprint selected document. y identified items ARE listed as reprint options ments  ler Change (Step 12) of scenario der Change (Step 12) of scenario der Change & Printout ments  ht Saving Time Change (Step 13) of scenario change on March 12, 2023 change on November 6, 2022 ments  tional Disabling Algorithm — Evidential Mode (Step 14A through 14D) of scenario STANDARD FAILED — allowed to continue STANDARD FAILED — followed by BLOWING NOT ALLOWED STANDARD FAILED — followed by INHALATION DETECTED STANDARD FAILED — followed by CHECK AIRWAY  Yes  STANDARD FAILED — followed by CHECK AIRWAY Yes	
e Cylinder 2; Cylinder set to 1 during Supervisor Test/Printout  Int function (Step 11)  of scenario  y information is displayed on the "Reprint screen" after selecting a record to be atted. Reprint selected document.  y identified items ARE listed as reprint options ments  ler Change (Step 12)  of scenario  der Change & Printout ments  ht Saving Time Change (Step 13)  of scenario  change on March 12, 2023  change on November 6, 2022 ments  tional Disabling Algorithm — Evidential Mode (Step 14A through 14D)  of scenario  STANDARD FAILED — allowed to continue  STANDARD FAILED — followed by BLOWING NOT ALLOWED  STANDARD FAILED — followed by INHALATION DETECTED  Yes  STANDARD FAILED — followed by CHECK AIRWAY  Yes	reacted as intended (yes/no)
e Cylinder 2; Cylinder set to 1 during Supervisor Test/Printout  Int function (Step 11)  of scenario  y information is displayed on the "Reprint screen" after selecting a record to be ited. Reprint selected document.  y identified items ARE listed as reprint options ments  ler Change (Step 12)  of scenario  der Change & Printout ments  ht Saving Time Change (Step 13)  of scenario  change on March 12, 2023  change on November 6, 2022 ments  tional Disabling Algorithm – Evidential Mode (Step 14A through 14D)  of scenario  STANDARD FAILED – allowed to continue  STANDARD FAILED – followed by BLOWING NOT ALLOWED  STANDARD FAILED – followed by INHALATION DETECTED  Yes  STANDARD FAILED – followed by CHECK AIRWAY	□No
Instrument  In t function (Step 11)  of scenario  y information is displayed on the "Reprint screen" after selecting a record to be leted. Reprint selected document.  y identified items ARE listed as reprint options ments  Instrument	□No
of scenario y information is displayed on the "Reprint screen" after selecting a record to be leted. Reprint selected document. y identified items ARE listed as reprint options ments    Ves	
of scenario y information is displayed on the "Reprint screen" after selecting a record to be leted. Reprint selected document. y identified items ARE listed as reprint options ments    Ves	
inted. Reprint selected document.  y identified items ARE listed as reprint options  ments    Pyes	reacted as intended (yes/no)
y identified items ARE listed as reprint options ments    Preserved   Preserved   Preserved	□ No
Instrument der Change (Step 12)  of scenario der Change & Printout ments  ht Saving Time Change (Step 13) of scenario change on March 12, 2023 change on November 6, 2022 ments  tional Disabling Algorithm – Evidential Mode (Step 14A through 14D) of scenario STANDARD FAILED – allowed to continue STANDARD FAILED – followed by BLOWING NOT ALLOWED STANDARD FAILED – followed by INHALATION DETECTED Yes STANDARD FAILED – followed by CHECK AIRWAY	□ No
of scenario  der Change & Printout  ht Saving Time Change (Step 13)  of scenario  change on March 12, 2023  change on November 6, 2022  ments  tional Disabling Algorithm – Evidential Mode (Step 14A through 14D)  of scenario  STANDARD FAILED – allowed to continue  STANDARD FAILED – followed by BLOWING NOT ALLOWED  STANDARD FAILED – followed by INHALATION DETECTED  Yes  STANDARD FAILED – followed by CHECK AIRWAY  Yes	
der Change & Printout ments  tht Saving Time Change (Step 13) of scenario change on March 12, 2023 change on November 6, 2022 ments  tional Disabling Algorithm – Evidential Mode (Step 14A through 14D) of scenario STANDARD FAILED – allowed to continue STANDARD FAILED – followed by BLOWING NOT ALLOWED STANDARD FAILED – followed by INHALATION DETECTED STANDARD FAILED – followed by CHECK AIRWAY Yes	
Instrument change on March 12, 2023 change on November 6, 2022 ments  tional Disabling Algorithm – Evidential Mode (Step 14A through 14D) of scenario STANDARD FAILED – allowed to continue STANDARD FAILED – followed by BLOWING NOT ALLOWED STANDARD FAILED – followed by INHALATION DETECTED STANDARD FAILED – followed by CHECK AIRWAY  Yes	reacted as intended (yes/no)
change on March 12, 2023  change on November 6, 2022  tional Disabling Algorithm – Evidential Mode (Step 14A through 14D)  of scenario  STANDARD FAILED – allowed to continue  STANDARD FAILED – followed by BLOWING NOT ALLOWED  STANDARD FAILED – followed by INHALATION DETECTED  STANDARD FAILED – followed by CHECK AIRWAY  Yes	□ No
Instrument change on March 12, 2023  change on November 6, 2022  ments  tional Disabling Algorithm – Evidential Mode (Step 14A through 14D)  of scenario  STANDARD FAILED – allowed to continue  STANDARD FAILED – followed by BLOWING NOT ALLOWED  STANDARD FAILED – followed by INHALATION DETECTED  STANDARD FAILED – followed by CHECK AIRWAY  Yes	
change on March 12, 2023  change on November 6, 2022  ments  tional Disabling Algorithm – Evidential Mode (Step 14A through 14D)  of scenario  STANDARD FAILED – allowed to continue  STANDARD FAILED – followed by BLOWING NOT ALLOWED  STANDARD FAILED – followed by INHALATION DETECTED  STANDARD FAILED – followed by CHECK AIRWAY  Yes	
change on November 6, 2022 ments  tional Disabling Algorithm – Evidential Mode (Step 14A through 14D) of scenario  STANDARD FAILED – allowed to continue STANDARD FAILED – followed by BLOWING NOT ALLOWED STANDARD FAILED – followed by INHALATION DETECTED STANDARD FAILED – followed by CHECK AIRWAY Yes	reacted as intended (yes/no)
tional Disabling Algorithm – Evidential Mode (Step 14A through 14D) of scenario  STANDARD FAILED – allowed to continue STANDARD FAILED – followed by BLOWING NOT ALLOWED STANDARD FAILED – followed by INHALATION DETECTED STANDARD FAILED – followed by CHECK AIRWAY Yes	□ No
tional Disabling Algorithm – Evidential Mode (Step 14A through 14D)  of scenario  STANDARD FAILED – allowed to continue  STANDARD FAILED – followed by BLOWING NOT ALLOWED  STANDARD FAILED – followed by INHALATION DETECTED  STANDARD FAILED – followed by CHECK AIRWAY  Yes	□ No
of scenario  STANDARD FAILED – allowed to continue  STANDARD FAILED – followed by BLOWING NOT ALLOWED  STANDARD FAILED – followed by INHALATION DETECTED  STANDARD FAILED – followed by CHECK AIRWAY  Yes	
STANDARD FAILED – allowed to continue  STANDARD FAILED – followed by BLOWING NOT ALLOWED  Yes  STANDARD FAILED – followed by INHALATION DETECTED  Yes  STANDARD FAILED – followed by CHECK AIRWAY  Yes	
STANDARD FAILED – followed by BLOWING NOT ALLOWED  STANDARD FAILED – followed by INHALATION DETECTED  Yes  STANDARD FAILED – followed by CHECK AIRWAY  Yes	Out of Service (yes/no)
STANDARD FAILED – followed by INHALATION DETECTED  Yes  STANDARD FAILED – followed by CHECK AIRWAY  Yes	□ No
STANDARD FAILED – followed by CHECK AIRWAY	□ Nodelayed notificat
	□ No
nents (Not cell to the the country of the	□ No →
nents placed self at of service bu wrong code when breath hose in by hand it stated in halation	vas blocked
by hand it stated in halation	detected

116127 527 11679938372483

 WINCE: 8322797 VERSION 5.14 M16: 8322798 VERSION 1.2 CONFIG: 8322796 VERSION 3.1

Conditional Disabling Algorithm – Trainin	ig Mode (Step 14E through 1	4H)
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Type of scenario	Instrumer	nt Out of Service (yes/no)
CAL. STANDARD FAILED - allowed to continue then placed into Evidential Mode	☐ Yes	□No
CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED then placed into Evidential Mode	✓ Yes	□No
CAL. STANDARD FAILED – followed by INHALATION DETECTED then placed into Evidential Mode	<b>⊿</b> Yes	□ No
CAL. STANDARD FAILED – followed by CHECK AIRWAY then placed into Evidential Mode	∕ Yes	□ No
Comments		

Cal gas supply status code - Evidential Mode (Step 15A)

Type of scenario	Instrument Out of Service (yes/no	
CAL GAS SUPPLY – allowed to continue	✓ Yes □ No	
Comments		

Cal gas supply status code - Training Mode (Step 15B)

Type of scenario	Instrument Out of Service (yes/no
CAL GAS SUPPLY - allowed to continue then placed into Evidential Mode	☑Yes ☐ No
Comments	

Polling Data (Sten 16)

Verify polling data reflects information from breath test (gender selection, license information, etc).	✓ Yes □ No	
Comments	06/22/2023	

#### Draeger Generated Documents (9):

Step 5: DRAEGER ALCOTEST 9510 CALIBRA	TION/ ADJUSTMENT RECORD
---------------------------------------	-------------------------

Step 7p-q: Complete breath test (2 copies)

Step 8:

Step 9:

Step 10: Incomplete Refusal

Supervisory tests (2)

Step 11: Reprint

Step 12: Cylinder change

BAC Technician Software Validation Documentation

116/23

#### Washington State Patrol Breath Test Program

#### **DRAEGER ALCOTEST 9510 CALIBRATION/ADJUSTMENT RECORD**

SERIAL NUMBER:	ARKA-0072	2						
SOFTWARE VER.:	8322798 1.	2						
CONFIG. VER.:	8322796 3.	1	<u>.</u>					
TECHNICIAN:	C. HOOPE	R						
TIME/DATE BEGAN:	07:47 01/06	6/2023						
CALIBRATION ADJUS BATCH#:	STMENT PEI 202108D		YE: <b>EF VALUE:</b> <u>0</u>		SIM#: DR4	4 <b>7</b> 67	THERM#: !	DR4767
			CALIBRATI Resu	ION PROCE ults Units g/2				
Simulator #	DF	R4531	DR	4536		R4492	DF	R4768
Sim Thermometer #	***************************************	14531		4536		R4492		R4768
QAP Batch # Reference Value	***************************************	2205C 0402		2203B 807		)2203C 1507		2111G 2010
Sim Temp 34.0°C ±							-	
0.2°C Before?	YE	S EC	YE	S EC	YI	EC EC	IR YE	EC EC
1 2 3 4 5 Sim Temp 34.0°C ± 0.2°C After? Mean SD Bias % CV %	0.039 0.039 0.039 0.039 0.039 YE 0.0390 0.0000	0.039 0.039 0.039 0.039 0.039	0.079 0.079 0.079 0.079 0.079 0.0790 0.0000 -2.11 0.00	0.078 0.078 0.078 0.078 0.078	0.150 0.150 0.148 0.148 0.148	0.145 0.146 0.145 0.145 0.145 0.145 -3.52 0.34	0.199 0.200 0.199 0.199 0.199 YE 0.1992 0.0004 -0.90 0.20	0.192 0.193 0.194 0.193 0.193
COMPLETE BREATH	TEST:	YES_	ESS LOT#:	302-4024	31368	EXP DATE:	05/10/202	25
INTERFERENCE TEST	Г:	_YES	BATCH#: _ACETONE			SIM#: THERM#: _	DR4767 DR4767	
INVALID SAMPLE:		YES						
REFERENCE BAROM	ETER S/N:	_410004S	Z					
COMMENTS:								
AS FOUND ESS RESU		IR: N	IA	EC: N	1/A- 524	1/6/2	30	900
C. HOOPER Technician Name						1/6/2	3 090	20
i echnician Name		Signature	3			i ime/Date	Procedure	Completed

ALCOTEST 9510 SERIAL NUMBER ARKA-0072 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 01/06/2023

Analysis Date: 01/06/2023

Observation Period Began: 09:30 Citation/Case Number: 123ABC

Operator Name: HOOPER/ CHRISTOPHER/ W Subject Name: WASHINGTON/ ID/ WSPTESTREC

Subject Date of Birth: 06/06/1976 External Standard Lot: 302-402246244

Breath Analysis	Result g/210L	Time hh:mm	Volume liters	Blowtime seconds
Blank Test	0.000	10:12		
Internal Standard VE	RIFIED	10:13		
Subject Sample 1			1.8	7.5
IR Result	0.000	10:14		
EC Result	0.000	10:14		
Blank Test	0.000	10:15		
External Standard IR	0.079	10:15		
External Standard EC	0.078	10:15		
Blank Test	0.000	10:17		
Subject Sample 2			2.1	8.7
IR Result	0.000	10:17		
EC Result	0.000	10:17		
Blank Test	0.000	10:18		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

Printed Name

Date 1/6/23

Location: City/State

Scattle, WA

ALCOTEST 9510 SERIAL NUMBER ARKA-0072 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 01/06/2023

Analysis Date: 01/06/2023

Observation Period Began: 09:30 Citation/Case Number: 123ABC

Operator Name: HOOPER/ CHRISTOPHER/ W Subject Name: WASHINGTON/ ID/ WSPTESTREC

Subject Date of Birth: 06/06/1976
External Standard Lot: 302-402246244

Breath Analysis	Result g/210L	Time hh:mm	Volume liters	Blowtime seconds
Blank Test	0.000	10:12		
Internal Standard VE	RIFIED	10:13		
Subject Sample 1			1.8	7.5
IR Result	0.000	10:14		
EC Result	0.000	10:14		
Blank Test	0.000	10:15		
External Standard IR	0.079	10:15		
External Standard EC	0.078	10:15		
Blank Test	0.000	10:17		
Subject Sample 2			2.1	8.7
IR Result	0.000	10:17		
EC Result	0.000	10:17		
Blank Test	0.000	10:18		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington	that the	foregoing	is true and	correct
--	----------	-----------	-------------	---------

Officer Signature \_

Printed Name

Date 1/6/23 Location: City/State

Southe, WA

07/06/2023

ALCOTEST 9510 SERIAL NUMBER ARKA-0072 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 01/06/2023

Analysis Date: 01/06/2023

Observation Period Began: 10:00 Citation/Case Number: STEP8

Operator Name: HOOPER/ CHRISTOPHER/ W Subject Name: WASHINGTON/ ID/ WSPTESTREC

Subject Date of Birth: 06/06/1976 External Standard Lot: 302-402246244

Breath Analysis	Result g/210L	Time hh:mm	Volume liters	Blowtime seconds
Blank Test	0.000	10:22		
Internal Standard VE	RIFIED	10:22		
Subject Sample 1				باديانات
IR Result	-	10:25		
EC Result		10:25		
Blank Test		;		
External Standard IR		[		
External Standard EC		;		
Blank Test		:		
Subject Sample 2				
IR Result		اشترنت		
EC Result		:		
Blank Test		;		

#### Test Result: TEST INCOMPLETE

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that	t the foregoing is true and correct.
Officer Signature	
Printed Name	- T.K. Weight
Date 116123 Location: City/State Seattle, 1	un

07/06/2023

ALCOTEST 9510 SERIAL NUMBER ARKA-0072 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 01/06/2023

Analysis Date: 01/06/2023

Observation Period Began: 10:00 Citation/Case Number: STEP8

Operator Name: HOOPER/ CHRISTOPHER/ W Subject Name: WASHINGTON/ ID/ WSPTESTREC

Subject Date of Birth: 06/06/1976 External Standard Lot: 302-402246244

Breath Analysis	Result g/210L	Time hh:mm	Volume liters	Blowtime seconds
Blank Test	0.000	10:26		
Internal Standard VI	ERIFIED	10:26		
Subject Sample 1				
IR Result		10:27		
EC Result		10:27		
Blank Test		H+:++		
External Standard IR		****		
External Standard EC		:		
Blank Test		41,25		
Subject Sample 2				788757
IR Result		;		
EC Result		22,22		
Blank Test		:		

#### Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Wash	ington that the foregoing is true and correct.
Officer Signature	
Printed Name	T.K. Wright
11/67	LL 1 A

07/06/2023 Page 399 of 449

#### Washington State Patrol Supervisor Test

Test Date: 01/06/2023 10:37 Sequential Test #: 1349 **Breath Test Instrument Information** ARKA-0072 Serial Number: Model Alcotest 9510 **External Standard Test Details** Function Result Time g/210L HH:MM Diagnostic OK 10:37 Blank Test 0.000 10:37 External Standard IR 0.079 10:37 External Standard EC 0.077 10:37 Blank Test 0.000 10:38 Diagnostic OK 10:38 Citleeper Operator: 01/06/2023 Sig. Date: Signature: Operator: T. K. WRIGHT Signature:

#### Washington State Patrol Supervisor Test

Test Date: 01/06/2023 10:39 Sequential Test #: 1350

**Breath Test Instrument Information** 

Model Alcotest 9510 Serial Number: ARKA-0072

**External Standard Test Details** 

Function	Result	Time
	g/210L	HH:MM
Diagnostic	OK	10:39
Blank Test	0.000	10:39
External Standard IR	0.097	10:40
External Standard EC	0.093	10:40
Blank Test	0.000	10:40
Diagnostic	OK	10:41

Operator: C. Hoser Signature: Sig. Date: 1/6/23

Operator: T. K. Weight

01/06/2023

ALCOTEST 9510 SERIAL NUMBER ARKA-0072 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 01/06/2023

Analysis Date: 01/06/2023

Observation Period Began: 09:00
Citation/Case Number: TEST
Operator Name: HOOPER/ C/ Subject Name: TEST/ TEST/ Subject Date of Birth: 01/01/1950
External Standard Lot: 302-402246244

Breath Analysis	Result g/210L	Time hh:mm	Volume liters	Blowtime seconds
Blank Test	0.000	09:21		
Internal Standard VE	RIFIED	09:21		
Subject Sample 1			1.8	7.8
IR Result	0.090	09:22		
EC Result	0.081	09:22		
Blank Test	0.000	09:24		
External Standard IR	0.079	09:24		
External Standard EC	0.080	09:24		
Blank Test	0.000	09:26		
Subject Sample 2				
IR Result	******	09:26		
EC Result		09:26		
Blank Test		:		

#### Test Result: TEST INCOMPLETE

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

#526

Officer Signature <

Printed Name \_ C. Plexep

Date 1/6/23

Location: City/State Scatte, wit

Tx weight

07/06/2023

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#### Washington State Patrol External Standard Change

Test Date: 01/06/2023 Sequential Test #: 1351 Location: WASHINGTON **Breath Test Instrument Information** Model Serial Number **QAP** Date Alcotest 9510 ARKA-0072 01/06/2023 Drygas Cylinder External Standard Information Lot Number Concentration Expiration Inlet 302-402246244 0.080 10/12/2024 CAL GAS INLET 1 **External Standard Test Details** Function Result Time g/210L HH:MM Blank Test 0.000 10:45 External Standard IR 0.079 10:46 External Standard EC 0.077 10:46 Blank Test 0.000 10:47 External Standard IR 0.079 10:47 0.077 External Standard EC 10:47 Blank Test 0.000 10:48 External Standard IR 0.078 10:48 External Standard EC 0.077 10:48 Blank Test 0.000 10:49

External Standard Change Results: CYLINDER INSTALLATION SUCCESSFUL

Operator Information Operator: C HOOPER		
Signature:	Sig. Date:	01/06/2023
Signature: / Le Weight	011	10613033

# ARKC-0022 Forensic Scientist Ruth Cramer & Trooper Mike Qunell Version 5.14, 1.2, 3.1

07/06/2023 Page 404 of 449

 WINCE: 8322797 VERSION 5.14 M16: 8322798 VERSION 1.2 CONFIG: 8322796 VERSION 3.1

#### Software Validation Documentation

Technicians:

Mike Qunell Ruth Cramer

Instrument Serial Number:

Date(s) Testing Performed:

December 13, 2022

Version info

Date: 13.12.2022 Time: 06:27

Serial: ARKC-0022

M16 Ver: 1.2/8322798 M16 Checksum: 0x3F84 BTL Ver: 1.5/8323536

WinCE Ver: 5.14/8322797 WinCE Checksum: 0x2B9D WinCE ImageVer: 1.8

Cfg Ver: 3.1/8322796 AP Ver: 3.1/8322796A NAP Ver: 3.1/8322796NA AP/NAP CRC: 0xE495/0xC365

Drink, location: 0x6AAA Lifecounter: 24288

Config files: RecordData\_095 InternalPrinterCfg\_026 TextsInternalPrt\_039 FontsInternalPrt\_001 Parameter\_039 MeasProc\_135 WinCeCfg\_053 ExternalPrtCfg\_106 Texts1ExternalPrt\_066 AccessRights\_029

'arsion

# DRAEGER ALCOTEST 9510 SOFTWARE VALIDATION MJULI 12/13/22

WINCE: 8322797 VERSION 5.14
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.1

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Cramer	12/13	122
Cicon	1 1 9	

INTERFERENT DETECTED, INVALID SAMPLE, AND SAMPLES OUTSIDE 10% (Step 6)

Type of scenario	Instrument reacted as intended (yes/no)
INTERFERENT DETECTED	XX Yes □ No
SAMPLES OUTSIDE 10%	ĭ Yes □ No
INVALID SAMPLE	▼Yes □ No
Comments	

Observation times (Step 7)

Obsci	vation times (Step	<i>'</i> )	
	Draeger Displayed Time	Entered Time	Result
i.	08:10	08:10	Timer Started at 16:00 count down
ii.	08:11	07:56	Timer Started at 1:00 count down
iii.	08:12	08:11	Timer Started at 15:00 count down
iv.	08:14	08:15	Observation Start Time valid between 6:14+8:14
v.	08:16	10:00	Observation start time valid between 6:16+8:16
vi.	08:17	06:00	Observation START Time valid between 6:17+8:17
vii.	08:18	06:18	Test continued
viii.	081.19	06:18	Observation STAFT Time valid between 6:19+8:19
ix.	08120	06:21	Test continued
X.		06:21	Summary time: 06:21
Com	ments		

Data entry (Step 7)

Type of data	Instrument reacted as intended (yes/no)		Comments
Operator Observed Subject Entire Time	Y Yes	□ No	
Subject Smoke, Vomit, Put Anything in Mouth	<b>X</b> Yes	□ No	
Citation/Case Number	<b>≱</b> Yes	□ No	
County of Arrest	<b>X</b> Yes	□ No	
Crime Arrested For	<b>⊠</b> Yes	□ No	
Collision Involved	¥Yes	□ No	
Subject drinking at specific drinking establishment	Yes	□ No	
PBT Given	<b>⊠</b> Yes	□ No	
Summary Screen	🛛 Yes	□ No	
Scan Operator Card	. Yes	□ No	
Summary Screen	▼ Yes	□ No	
Subject Ethnic Group	<b>≱</b> .Yes	□ No	
Subject Driver License State	<b>Z</b> -Yes	□ No	
Scan WA, OR, ID, and/or NY Licenses	<b>▼</b> Yes	□ No	
License manual entry	<b>▼</b> Yes	□ No	
Gender "X"	<b>≥</b> Yes	□ No	
Summary Screen	¥Yes	□ No	
Breath Test	<b>▼</b> Yes	□ No	
Printed Documents (two by default)	Yes	□ No	
Comments			

WINCE: 8322797 VERSION 5.14
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.1

Mall	12/13/22
	12/13/22

Breath Test Scenarios (Steps 7 - 9)	
Type of scenario	Instrument reacted as intended (yes/no)
Not meeting sampling parameter, then continue	ĭXYes □ No
Meeting sampling parameters (complete breath test)	<b>⊠</b> Yes □ No
Allow two minutes to pass - Verify "Refusal" & "Incomplete" are displayed/Printout	▼ Yes □ No
Press "Stop" - verify "Refusal," "Incomplete," & "Continue" are displayed/Printout	XYes □ No
Comments  Comments  Fig. 1	t tat ochetali o
Test continued correctly after Restar	1 1891 SEIECECTASI
Supervisor Test (Step 10)	
Type of scenario	Instrument reacted as intended (yes/no)
Active Cylinder 1; Cylinder set to 2 during Supervisor Test/Printout	<b>X</b> Yes □ No
Active Cylinder 2; Cylinder set to 1 during Supervisor Test/Printout	¥Yes □ No
Comments	
Reprint function (Step 11)	
Type of scenario	Instrument reacted as intended (yes/no)
Verify information is displayed on the "Reprint screen" after selecting a record to be reprinted. Reprint selected document.	Y Yes □ No
Verify identified items ARE listed as reprint options	Yes □ No
Comments	
Cylinder Change (Step 12)	Turtum out we stad as intended (yes/no)
Type of scenario	Instrument reacted as intended (yes/no)
Cylinder Change & Printout	Y Yes □ No
Comments	
Daylight Saving Time Change (Step 13)	
Type of scenario	Instrument reacted as intended (yes/no)
Time change on March 12, 2023	¥Yes □ No
Time change on November 6, 2022	
	<b>¼</b> Yes □ No
Comments	<b>78.</b> Yes □ No
Comments	<b>78.</b> Yes □ No
Conditional Disabling Algorithm – Evidential Mode (Step 14A through 14D)	
Conditional Disabling Algorithm – Evidential Mode (Step 14A through 14D)  Type of scenario	Instrument Out of Service (yes/no)
Conditional Disabling Algorithm – Evidential Mode (Step 14A through 14D)  Type of scenario  CAL. STANDARD FAILED – allowed to continue	Instrument Out of Service (yes/no)  Yes □ No
Conditional Disabling Algorithm – Evidential Mode (Step 14A through 14D)  Type of scenario  CAL. STANDARD FAILED – allowed to continue  CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED	Instrument Out of Service (yes/no)  ✓ Yes □ No  ✓ Yes □ No
Conditional Disabling Algorithm – Evidential Mode (Step 14A through 14D)  Type of scenario  CAL. STANDARD FAILED – allowed to continue	Instrument Out of Service (yes/no)  Yes □ No

• WINCE: 8322797 VERSION 5.14 • M16: 8322798 VERSION 1.2 • CONFIG: 8322796 VERSION 3.1

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Cramer	12/13/22

Conditional Disabling Algorithm – Training Mode (Step 14E through 14H)		
Type of scenario	Instrumen	nt Out of Service (yes/no)
CAL. STANDARD FAILED – allowed to continue then placed into Evidential Mode	<b>X</b> Yes	□ No
CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED then placed into Evidential Mode	Y Yes	□ No
CAL. STANDARD FAILED – followed by INHALATION DETECTED then placed into Evidential Mode	<b>▼</b> Yes	□ No
CAL. STANDARD FAILED – followed by CHECK AIRWAY then placed into Evidential Mode	ĭ≰. Yes	□ No
Comments		
Cal gas supply status code – Evidential Mode (Step 15A)  Type of scenario	Instrumen	nt Out of Service (yes/no)
CAL GAS SUPPLY – allowed to continue	Y Yes	□ No
Comments	1.0	
Cal gas supply status code – Training Mode (Step 15B)		
Type of scenario	Instrumer	nt Out of Service (yes/no)
CAL GAS SUPPLY – allowed to continue then placed into Evidential Mode	<b>⊠</b> Yes	□ No
Comments		

Polling Data (Step 16)			
Verify polling data reflects information from breath test (gender selection, license information, etc).	🗷 Yes	□ No	
Comments			

#### **Draeger Generated Documents (9):**

াব 🗀	Step 5:	DRAEGER	ALCOTEST	' 9510 CALIBR	:ATION/ ADJU	STMENT RECORD

Step 7p-q: Complete breath test (2 copies)

ĭ⊠ Step 8: Incomplete

**⊠** Step 9: Refusal

**⊠** Step 10: Supervisory tests (2)

**⊠** Step 11: Reprint

**⊠** Step 12: Cylinder change

Washington State Patrol Breath Test Program

MIN 12/13/22 Cramer 12/13/22

#### DRAEGER ALCOTEST 9510 CALIBRATION/ADJUSTMENT RECORD

SERIAL NUMBER:	ARKC-0022	•						
SOFTWARE VER.:	8322798 1.2							
CONFIG. VER.:	8322796 3.1							
TECHNICIAN:	QUNELL/M							
TIME/DATE BEGAN:	06:32 12/13/	2022						
CALIBRATION ADJUS								
BATCH#:	202108D	R	EF VALUE: <u>0.</u>	0803	SIM#: DR4	1524	THERM#: [	)R4524
			CALIBRATION Result	ON PROCE Its Units g/2				
# Simulator # Sim Thermometer #		<u>1480                                    </u>		1969 1969		R4990 R4990		14760 14760
QAP Batch #	P	205C		203B		2203C		2111G
Reference Value	0.04	102	30.0	307	0.	1507	0.2	2010
Sim Temp 34.0°C ± 0.2°C Before?	YES	2	YES	3	YE	-S	YE	S
0.2 O Belore:	IR	EC	IR	EC	IR	EC	IR	EC
1	0.040	0.040	0.080	_0.080_	0.151	0.148	0.202	0.197
2		0.040	<u>0.080</u> 0.080	0.080	<u>0.150</u> 0.150	<u>0.149</u> 0.149	<u>0.202</u> 0.201	0.198 0.198
3		0.040	0.080	0.080	0.150	0.149	0.201	0.198
5		0.040	0.080	0.080	0.150	0.149	0.201	0.197
Sim Temp 34.0°C ±	VE	,	VEC	,	VE	-0	YE	·c
0.2°C After?	YES 0.0392	0.0400	0.0800	0.0800	YE 0.1502	0.1488	0.2014	0.1976
	0.0004	0.0000	0.0000	0.0000	0.0004	0.0004	0.0005	0.0005
	-2.49	-0.50	0.87	-0.87	-0.33	<u>-1.26</u>	0.20	-1.69
CV %	1.02	0.00	0.00	0.00	0.27	0.27	0.25	0.25
COMPLETE PREATU	TEOT.	VEC	FCC   OT#.	200 4002	271.000		E: 02/28/202	nE
COMPLETE BREATH	IESI:	YES_	ESS LOT#:	302-4023	7 1000	EXP DATE	. <u>02/20/202</u>	,5
INTERFERENCE TEST	Т:	YES_	BATCH#: _ ACETONE I			SIM#: THERM#:		
			ACETONE	_OI#. <u>Anz</u>	20160200	I HERIVI#.	DN4524	
INVALID SAMPLE:		YES						
REFERENCE BAROM	ETER S/N:	4100048	ΣΥ					
COMMENTS:								
		4	10		1.			
AS FOUND ESS RESI	JLT:	IR: /V	14_1	, EC: /\	<u>//A</u>			
		M	1//			3716	. /	1
QUNELL/M	and the same and	11/0	M			1/40	12/13	122
Technician Name	ŕ	Signatur	e `			i ime/Da	te Pro¢edure⁄	Completed

07/06/2023

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ALCOTEST 9510 SERIAL NUMBER ARKC-0022 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 12/31/2050

Analysis Date: 12/13/2022

Observation Period Began: 08:00
Citation/Case Number: STEP7D
Operator Name: TRAINER/ SIR/ Subject Name: MARTINO/ JULIANE/ Subject Date of Birth: 05/14/1979
External Standard Lot: AG909902

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	08:37		
Internal Standard V	'ERIFIED	08:38		
Subject Sample 1			1.9	5.8
IR Result	0.000	08:39		
EC Result	0.000	08:39		
Blank Test	0.000	08:40		
External Standard IR	0.083	08:40		
External Standard EC	0.080	08:40		
Blank Test	0.000	08:42		
Subject Sample 2			1.9	5.8
IR Result	0.000	08:42		
EC Result	0.000	08:42		
Blank Test	0.000	08:43		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature	
Printed Name	
Date	Location: City/State

MIN 12/13/22 Recember 12/13/22

ALCOTEST 9510 SERIAL NUMBER ARKC-0022 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 12/31/2050

Analysis Date: 12/13/2022

Observation Period Began: 08:00 Citation/Case Number: STEP7D Operator Name: TRAINER/ SIR/ -Subject Name: MARTINO/ JULIANE/ -Subject Date of Birth: 05/14/1979 External Standard Lot: AG909902

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	08:37		
Internal Standard VE	RIFIED	08:38		
Subject Sample 1			1.9	5.8
IR Result	0.000	08:39		
EC Result	0.000	08:39		
Blank Test	0.000	08:40		
External Standard IR	0.083	08:40		
External Standard EC	0.080	08:40		
Blank Test	0.000	08:42		
Subject Sample 2			1.9	5.8
IR Result	0.000	08:42		
EC Result	0.000	08:42		
Blank Test	0.000	08:43		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature	•	
Printed Name		
Date	Location: City/State	

Maul 12/13/22 Riamer 12/13/22

ALCOTEST 9510 SERIAL NUMBER ARKC-0022 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 12/31/2050

Analysis Date: 12/13/2022

Observation Period Began: 08:00
Citation/Case Number: STEP8
Operator Name: QUNELL/ M/ K
Subject Name: TEST/ TEST/ Subject Date of Birth: 01/01/1950
External Standard Lot: AG909902

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	08:47		
Internal Standard	VERIFIED	08:47		
Subject Sample 1				Sale toke dank dada Sale Sale
IR Result		08:50	•	
EC Result		08:50		
Blank Test	an ee as as as	:		
External Standard	IR	:		
External Standard	EC			
Blank Test		:		
Subject Sample 2				
IR Result		:		
EC Result		:		
Blank Test		:		

#### Test Result: TEST INCOMPLETE

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature		
Printed Name		
Date	Location: City/State	

MIN 12/13/22 Viamer 12/13/22

ALCOTEST 9510 SERIAL NUMBER ARKC-0022 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 12/31/2050

Analysis Date: 12/13/2022 Observation Period Began: 08:00 Citation/Case Number: STEP8 Operator Name: QUNELL/ M/ K Subject Name: TEST/TEST/-Subject Date of Birth: 01/01/1950 External Standard Lot: AG909902

Selected Restart after Step 8, test continued correctly. Selected Incomplete again.

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	08:51		
Internal Standard	VERIFIED	08:52		
Subject Sample 1				
IR Result		08:52		
EC Result		08:52		
Blank Test		:		
External Standard I	R			
External Standard	EC	:		
Blank Test		100 000 <sup>25</sup> 000 000		
Subject Sample 2				
IR Result				
EC Result		:		
Blank Test	100 COS TOO TOO TOO	;		

#### Test Result: TEST INCOMPLETE

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature		
Printed Name		
Date	Location: City/State	

Maul 12/13/22 Mamer 12/13/22

ALCOTEST 9510 SERIAL NUMBER ARKC-0022 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 12/31/2050

Analysis Date: 12/13/2022

Observation Period Began: 08:00 Citation/Case Number: STEP9 Operator Name: QUNELL/ M/ K Subject Name: TEST/ TEST/ - Subject Date of Birth: 01/01/1950 External Standard Lot: AG909902

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	08:55	,	
Internal Standard	VERIFIED	08:55		
Subject Sample 1			** 100 700 700 700	
IR Result		08:56		
EC Result		08:56		
Blank Test		:		
External Standard	IR	:		
External Standard	EC	<del>*</del>		
Blank Test		;		
Subject Sample 2				
IR Result		:		
EC Result		:		
Blank Test		:		·

#### Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature		
Printed Name		
Date	_Location: City/State _	

MIN 12/13/22 Reamer 12/13/22

#### Washington State Patrol Supervisor Test

Test Date:	12/13/2022 08:59	Sequential Test #:	402
Breath Test In	strument Information		
Model	Alcotest 9510	Serial Number:	ARKC-0022
External Stand	dard Test Details		
	Function  Diagnostic  Blank Test  External Standard II  External Standard E  Blank Test  Diagnostic	OK 08:9 0.000 08:9 R 0.270 09:0	<u>:MM</u> 59 59 00 00 00
Operator:	· · · · · · · · · · · · · · · · · · ·		
Signature:		Sig.	Date:

MIM 12/13/22 Cramer 12/13/22

#### Washington State Patrol Supervisor Test

Test Date:	12/13/202	22 09:02	Sequential Te	st #:	403
Breath Test In	strument	Information			
Model	Alcotest 9	9510	Serial Number	:	ARKC-0022
External Stand	dard Test	Details			
		Function  Diagnostic Blank Test External Standard IR External Standard EC Blank Test Diagnostic	Result g/210L OK 0.000 0.029 0.027 0.000 OK	Time HH:Mi 09:02 09:02 09:03 09:03 09:03 09:04	<u>M</u>
Operator:					
Signature:				Sig. Da	ite:

MIM 12/13/22 Ramer 12/13/22

Reprint #11

#### **WASHINGTON STATE PATROL EVIDENTIARY SUBJECT TEST**

ALCOTEST 9510 SERIAL NUMBER ARKC-0022 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 12/31/2050

Analysis Date: 12/13/2022

Observation Period Began: 08:00 Citation/Case Number: STEP9 Operator Name: QUNELL/ M/ K Subject Name: TEST/ TEST/ -Subject Date of Birth: 01/01/1950 External Standard Lot: AG909902

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	08:55		
Internal Standard V	'ERIFIED	08:55		
Subject Sample 1				
IR Result	5 2 5 5 E E	08:56		
EC Result		08:56		
Blank Test		:		
External Standard IR				
External Standard EC	)			
Blank Test		:		
Subject Sample 2				
IR Result		:		
EC Result				
Blank Test		;		

#### Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature \_\_\_\_\_ Printed Name Mall 12/13/22 Cramer 12/13/22 Date \_\_\_\_\_Location: City/State \_\_\_\_\_

# Washington State Patrol External Standard Change

Test Date: Location:	12/13/2022 WASHINGTON	_ Se	equential T	est #: <u>404</u>	
Breath Test li	nstrument Information Model Alcotest 9510		Number -0022	QAP Date 12/31/2050	
Drygas Cylin	der External Standard Infor Lot Number 1329490		entration	Expiration 05/12/2023	Inlet CAL GAS INLET 1
External Stan	Function  Blank Test External Standar External Standar Blank Test External Standar External Standar External Standar External Standar Blank Test External Standar External Standar External Standar External Standar	d EC d IR d EC d IR	Result g/210L 0.000 0.079 0.077 0.000 0.079 0.078 0.000 0.079 0.078 0.000	Time HH:MM 09:10 09:10 09:10 09:12 09:12 09:12 09:13 09:13 09:13 09:13	
	dard Change Results: CY	LINDER	INSTALL	ATION SUCCE	ESSFUL
Operator: MI	rmation CHAEL QUNELL				
Signature:				Sig. Date:	12/13/2022

M Lill 12/13/22 Veramer 12/13/22

Reprint #14A

WASHINGTON STATE PATROL EVIDENTIARY SUBJECT TEST

ALCOTEST 9510 SERIAL NUMBER ARKC-0022 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 12/31/2050

Analysis Date: 12/13/2022

Observation Period Began: 09:00 Citation/Case Number: STEP14A Operator Name: QUNELL/ M/ K Subject Name: TEST/ TEST/ \Subject Date of Birth: 01/01/1950 External Standard Lot: 1329490

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	09:31		
Internal Standard VE	RIFIED	09:31		
Subject Sample 1			2.0	6.0
IR Result	0.000	09:32		
EC Result	0.000	09:32		
Blank Test	0.000	09:33		
External Standard IR	0.029	09:33		
External Standard EC	0.028	09:33		
Blank Test		:		
Subject Sample 2				
IR Result				
EC Result				
Blank Test	500 000 000 000 talk 500	:		

#### Test Not Complete: Status Code 21

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature	
Printed Name	
Date	Location: City/State

M Lull 12/13/22 Reamer 12/13/22 ARKD-0019
Trooper Kyle Dahl
&
Trooper Nate Dashiell
Version 5.14, 1.2, 3.1

07/06/2023 Page 420 of 449

• WINCE: 8322797 VERSION 5.14 • M16: 8322798 VERSION 1.2 CONFIG: 8322796 VERSION 3.1

#### **Software Validation Documentation**

Technicians: K. Dahl/ N. Dashiell

Instrument Serial Number: ARKD-0019

Date(s) Testing Performed: 12/20/2022

Draeger Alcotest 9510 Version info

Date: 20.12.2022

Time: 08:07

Serial: ARKD-0019

M16 Ver: 1.2/8322798 M16 Checksum: 0x3F84 BTL Ver: 1.5/8323536

WinCE Ver:5.14/8322797 WinCE Checksum:0x2B9D WinCE ImageVer: 1.8

Cfg Ver: 3.1/8322796 AP Ver: 3.1/8322796A NAP Ver: 3.1/8322796NA AP/NAP CRC: 0xE495/0xC365

Drink, location: 0x6AAA Lifecounter: 43683

Config files: RecordData\_095 InternalPrinterCfg\_026 TextsInternalPrt\_039 FontsInternalPrt\_001 Parameter\_039 MeasProc\_135

WinCeCfg\_053 ExternalPrtCfg\_106
Texts1ExternalPrt\_066 AccessRights\_029

Subversion:

WΑ

Palatore.

WINCE: 8322797 VERSION 5.14
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.1

INTERFERENT DETECTED, INVALID SAMPLE, AND SAMPLES OUTSIDE 10% (Ster	INTERFERENT DETECTED	INVALID SAMPLE.	AND SAMPLES	OUTSIDE 10%	(Step 6)
---	----------------------	-----------------	-------------	-------------	----------

Type of scenario	Instrume	ent reacted as intended (yes/no)
INTERFERENT DETECTED	■ Yes	□ No
SAMPLES OUTSIDE 10%	■ Yes	□ No
INVALID SAMPLE	■ Yes	□ No
Comments		

Observation times (Step 7)

	Draeger Displayed Time	Entered Time	Result
i.	1037	1037	Draeger displayed 16 minute count down timer
ii.	1038	1023	Draeger displayed 1 minute count down timer
iii.	1039	1038	Draeger displayed 15 minute count down timer
iv.	1040	1041	Gave error stating "Observation start time is valid between "8:40 and 10:40"
v.	1041	2200	Gave error stating "Observation start time is valid between "8:41 and 10:41"
vi.	1042	0800	Gave error stating "Observation start time is valid between "8:42 and 10:42"
vii.	1043	0843	Continued as expected
viii.	1044	0843	Gave error stating "Observation start time is valid between "8:44 and 10:44"
ix.	1045	0846	Continued as expected
х.		0846	Summary time: 0846
Com	ments		

Data entry (Step 7)

Type of data	Instrumer intended	nt reacted as (yes/no)	Comments
Operator Observed Subject Entire Time	■Yes	□ No	
Subject Smoke, Vomit, Put Anything in Mouth	■Yes	□ No	
Citation/Case Number	■ Yes	□ No	
County of Arrest	■Yes	□ No	
Crime Arrested For	■Yes	□ No	
Collision Involved	■ Yes	□ No	
Subject drinking at specific drinking establishment	■ Yes	□ No	
PBT Given	■Yes	□ No	
Summary Screen	■ Yes	□ No	
Scan Operator Card	■ Yes	□ No	
Summary Screen	■ Yes	□ No	
Subject Ethnic Group	■ Yes	□ No	
Subject Driver License State	■ Yes	□ No	
Scan WA, OR, ID, and/or NY Licenses	■ Yes	□ No	
License manual entry	■ Yes	□ No	
Gender "X"	■Yes	□ No	
Summary Screen	■ Yes	□ No	
Breath Test	■ Yes	□ No	
Printed Documents (two by default)	■ Yes	□ No	
Comments			

BAC Technician Software Validation Documentation

Page 2 of 4

• WINCE: 8322797 VERSION 5.14 • M16: 8322798 VERSION 1.2 • CONFIG: 8322796 VERSION 3.1

Breath	Test	Scena	rios	(Step:	s 7	- 9)	١
Dicam	1 621	occua	1102	COLUD	3 /	- /	,

Type of scenario	Instrument reacted as intended (yes/no	
Not meeting sampling parameter, then continue	■ Yes	□ No
Meeting sampling parameters (complete breath test)	■ Yes	□ No
Allow two minutes to pass – Verify "Refusal" & "Incomplete" are displayed/Printout	■Yes	□ No
Press "Stop" – verify "Refusal," "Incomplete," & "Continue" are displayed/Printout	■ Yes	□ No
Comments		

Supervisor Test (Step 10)

A silver Callindon 1. Callindon set to 2 duning Sun anning Test/Duintout	
Active Cylinder 1; Cylinder set to 2 during Supervisor Test/Printout	Yes □ No
Active Cylinder 2; Cylinder set to 1 during Supervisor Test/Printout	Yes □ No
Comments	

Reprint function (Step 11)

Type of scenario	Instrume	ent reacted as intended (yes/no)
Verify information is displayed on the "Reprint screen" after selecting a record to be reprinted. Reprint selected document.	■Yes	□ No
Verify identified items ARE listed as reprint options	■ Yes	□No
Comments		

Cylinder Change (Step 12)

Type of scenario	Instrument re	eacted as intended (yes/no)
Cylinder Change & Printout	■ Yes	□No
Comments		

Daylight Saving Time Change (Step 13)

Type of scenario	Instrumer	nt reacted as intended (yes/no)
Γime change on March 12, 2023	■ Yes	□ No
Time change on November 6, 2022	■ Yes	□ No
Comments		

Conditional Disabling Algorithm - Evidential Mode (Step 14A through 14D)

Type of scenario	Instrument Out of Service (yes/no)		
CAL. STANDARD FAILED – allowed to continue	■ Yes □ No		
CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED	■ Yes □ No		
CAL. STANDARD FAILED – followed by INHALATION DETECTED	■ Yes □ No		
CAL. STANDARD FAILED – followed by CHECK AIRWAY	■Yes □ No		
Comments	2163		

- WINCE: 8322797 VERSION 5.14
- M16: 8322798 VERSION 1.2
- CONFIG: 8322796 VERSION 3.1

Conditional Disabling Algorithm – Training	g Mode (Step 14E through 14H)

Type of scenario	Instrument Out of Service (yes/no)		
CAL. STANDARD FAILED – allowed to continue then placed into Evidential Mode	■ Yes □ No		
CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED then placed into Evidential Mode	■Yes □ No		
CAL. STANDARD FAILED – followed by INHALATION DETECTED then placed into Evidential Mode	■ Yes □ No		
CAL. STANDARD FAILED – followed by CHECK AIRWAY then placed into Evidential Mode	■ Yes □ No		
Comments			

Cal gas supply status code - Evidential Mode (Step 15A)

Type of scenario	Instrument Out of Service (yes/no
CAL GAS SUPPLY – allowed to continue	■ Yes □ No
Comments	

Cal gas supply status code - Training Mode (Step 15B)

Type of scenario	Instrument Out of Service (yes/no)
CAL GAS SUPPLY - allowed to continue then placed into Evidential Mode	■ Yes □ No
Comments	

Polling Data (Step 16)

Verify polling data reflects information from breath test (gender selection, license information, etc).	■ Yes □ No	
Comments	06/22/2023	

#### Draeger Generated Documents (9):

Step 5: DRAEGER	ALCOTEST 9510 CALIBRATION/ ADJUSTMENT RECORD
-----------------	--

Step 7p-q: Complete breath test (2 copies)

Step 8: Incomplete
Step 9: Refusal

Step 10: Supervisory tests (2)

Step 11: Reprint

Step 12: Cylinder change

P

#### DRAEGER ALCOTEST 9510 CALIBRATION/ADJUSTMENT RECORD

SERIAL NUMBER: ARKD-0019

**SOFTWARE VER.:** 8322798 1.2

**CONFIG. VER.:** 8322796 3.1

TECHNICIAN: KYLE DAHL

TIME/DATE BEGAN: 08:14 12/20/2022

CALIBRATION ADJUSTMENT PERFORMED: YES

#### **CALIBRATION PROCEDURE**

Results Units g/210L

Simulator # Sim Thermometer # QAP Batch # Reference Value	DR 202	4776 4776 2205C 402	DF 20	R4481 R4481 2203B 0807	DF 20	34486 34486 2203C	DF 20	R4980 R4980 2111G 2010
Sim Temp 34.0°C ±								
0.2°C Before?	YE	S	YE	<u> </u>	YE	<u>S</u>	YE	S
	IR	EC	IR	EC	IR	EC	IR	EC
1	0.039	0.040	0.081	0.081	0.153	0.150	0.190	0.184
2	0.039	0.040	0.081	0.081	0.152	0.150	0.195	0.191
3	0.040	0.040	0.081	0.081	0.151	0.150	0.198	0.193
4	0.039	0.041	0.081	0.081	0.151	0.150	0.198	0.195
5	0.039	0.040	0.081	0.081	0.151	0.149	0.199	0.195
Sim Temp 34.0°C ±								
0.2°C After?	ΥE	S	YE	<u>-</u> S	YE	S	YE	S
Mean	0.0392	0.0402	0.0810	0.0810	0.1516	0.1498	0.1960	0.1916
SD	0.0004	0.0004	0.0000	0.0000	0.0009	0.0004	0.0037	0.0046
Bias %	-2.49	0.00	0.37	0.37	0.60	-0.60	-2.49	-4.68
CV %	1.02	1.00	0.00	0.00	0.59	0.27	1.89	2.40

COMPLETE BREATH TEST: YES ESS LOT#: 1440917 EXP DATE: 01/29/2024

INVALID SAMPLE: YES\_\_\_

REFERENCE BAROMETER S/N: 4100060H

**COMMENTS:** 

AS FOUND ESS RESULT: IR: N/A EC: N/A

KYLE DAHL
Technician Name
Signature

Signature

Time/Date Procedure Complete

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ALCOTEST 9510 SERIAL NUMBER ARKD-0019 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 12/20/2022

Analysis Date: 12/20/2022

Observation Period Began: 10:30

Citation/Case Number: 7D

Operator Name: DASHIELL/ N/ -Subject Name: TEST/ TEST/ -Subject Date of Birth: 01/01/1950

External Standard Lot: LOT2\_6789012345678901234

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	10:57		
Internal Standard VE	RIFIED	10:57		
Subject Sample 1			2.3	6.5
IR Result	0.000	10:58		
EC Result	0.000	10:58		
Blank Test	0.000	10:59		
External Standard IR	0.081	11:00		
External Standard EC	0.078	11:00		
Blank Test	0.000	11:01		
Subject Sample 2			2.4	5.9
IR Result	0.000	11:02		
EC Result	0.000	11:02	•	
Blank Test	0.000	11:03		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

Printed Name Kyle DAII

N. DASHIELL

Date 12-20-22 Location: City/State 1217347 60/ WA

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ALCOTEST 9510 SERIAL NUMBER ARKD-0019 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 12/20/2022

Analysis Date: 12/20/2022

Observation Period Began: 10:30

Citation/Case Number: 7D

Operator Name: DASHIELL/ N/ -Subject Name: TEST/ TEST/ -Subject Date of Birth: 01/01/1950

External Standard Lot: LOT2\_6789012345678901234

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	10:57		
Internal Standard VE	RIFIED	10:57		
Subject Sample 1			2.3	6.5
IR Result	0.000	10:58		
EC Result	0.000	10:58		
Blank Test	0.000	10:59		
External Standard IR	0.081	11:00		
External Standard EC	0.078	11:00		
Blank Test	0.000	11:01		
Subject Sample 2			2.4	5.9
IR Result	0.000	11:02		
EC Result	0.000	11:02		
Blank Test	0.000	11:03		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

Printed Name Kyle DAHL W. DASHIELL

Date 12.20-22 Location: City/State KITSAP W/WA

ALCOTEST 9510 SERIAL NUMBER ARKD-0019 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 12/20/2022

Analysis Date: 12/20/2022

Observation Period Began: 10:30 Citation/Case Number: TEST Operator Name: DASHIELL/ N/-Subject Name: TEST/ TEST/-Subject Date of Birth: 01/01/1950

External Standard Lot: LOT2 6789012345678901234

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	11:08		
Internal Standard	VERIFIED	11:08		
Subject Sample 1			and now had not now	
IR Result	10 D R R R R	11:10		
EC Result		11:10		
Blank Test		:		
External Standard I	R	:		
External Standard I	EC	:		
Blank Test		:		
Subject Sample 2				
IR Result		:		
EC Result		:		
Blank Test		:		

Test Result: TEST INCOMPLETE

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

Printed Name N. PASHIETE

K. DAHL

Date 12/20/2022 Location: City/State KITSAP CO / WA

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ALCOTEST 9510 SERIAL NUMBER ARKD-0019 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 12/20/2022

Analysis Date: 12/20/2022

Observation Period Began: 11:00 Citation/Case Number: TEST Operator Name: DASHIELL/ N/ - Subject Name: TEST/ TEST/ - Subject Date of Birth: 01/01/1950

External Standard Lot: LOT2\_6789012345678901234

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	11:18		
Internal Standard \	/ERIFIED	11:19		
Subject Sample 1				
IR Result	PR====	11:19		
EC Result	88888	11:19		
Blank Test		:		
External Standard IR		:		
External Standard Ed	C	;		
Blank Test		;		
Subject Sample 2				
IR Result	20 W 20 W 10 W	:		
EC Result	88898	;		
Blank Test				

Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

Printed Name W. DASHIELL

K. DAHL

Date 12/20/2022 Location: City/State KITSAP CU/LA

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# Washington State Patrol Supervisor Test

Test Date:

12/20/2022 11:22

Sequential Test #:

550

**Breath Test Instrument Information** 

Model

Alcotest 9510

Serial Number:

ARKD-0019

### **External Standard Test Details**

Function	Result	Time
	g/210L	HH:MM
Diagnostic	OK	11:22
Blank Test	0.000	11:22
External Standard IR	0.098	11:22
External Standard EC	0.094	11:22
Blank Test	0.000	11:23
Diagnostic	OK	11:24

Operator: K. DAHL N. DASNIELL

Sig. Date: 12.20-22

CYLINDER 1

# Washington State Patrol Supervisor Test

Test Date:

12/20/2022 11:28

Sequential Test #:

552

**Breath Test Instrument Information** 

Model

Alcotest 9510

Serial Number:

ARKD-0019

#### **External Standard Test Details**

Function	Result	Time
	g/210L	HH:MM
Diagnostic	OK	11:28
Blank Test	0.000	11:28
External Standard IR	0.081	11:28
External Standard EC	0.077	11:28
Blank Test	0.000	11:29
Diagnostic	OK	11:30

Signature: N. Pashire

Sig. Date:

ALCOTEST 9510 SERIAL NUMBER ARKD-0019 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 12/20/2022

Analysis Date: 12/20/2022

Observation Period Began: 11:00 Citation/Case Number: TEST Operator Name: DASHIELL/ N/ - Subject Name: TEST/ TEST/ - Subject Date of Birth: 01/01/1950

External Standard Lot: LOT2 6789012345678901234

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	11:18		
Internal Standard V	ERIFIED	11:19		
Subject Sample 1				
IR Result	<b>M M M M M M</b>	11:19		
EC Result		11:19		
Blank Test	ear ear san too ear ear	:		
External Standard IR		:		
External Standard EC	;	:		
Blank Test		:		
Subject Sample 2				
IR Result	12 12 12 12 12 12			
EC Result				
Blank Test		;		

REPRINT

Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Printed Name N. DASHIEZL K. DAYL

Date 12/20/2022 Location: City/State 12/15/10/4

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### **Washington State Patrol External Standard Change**

Test Date: Location:

12/20/2022

WASHINGTON

Sequential Test #:

553

**Breath Test Instrument Information** 

Model

Serial Number

QAP Date

Alcotest 9510

ARKD-0019

12/20/2022

**Drygas Cylinder External Standard Information** 

Lot Number 302-402246244 Concentration 0.080

Expiration

Inlet 10/12/2024 CAL GAS INLET 1

**External Standard Test Details** 

Function	Result	Time
	g/210L	HH:MM
Blank Test	0.000	11:36
External Standard IR	0.074	11:36
External Standard EC	0.072	11:36
Blank Test	0.000	11:38
External Standard IR	0.074	11:38
External Standard EC	0.073	11:38
Blank Test	0.000	11:39
External Standard IR	0.073	11:39
External Standard EC	0.073	11:39
Blank Test	0.000	11:40

External Standard Change Results: CYLINDER INSTALLATION SUCCESSFUL

**Operator Information** 

Operator: N DASHIELL W.DASHIM

Sig. Date:

07/06/2023

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ARJN-0023
Sergeant Susan Harbour &

Trooper Kate LeCount
Version 5.14, 1.2, 3.1

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WINCE: 8322797 VERSION 5.14
M16: 8322798 VERSION 1.2
CONFIG: 8322796 VERSION 3.1

### **Software Validation Documentation**

Technicians: K.LECOUNT/S. HARBOUR

Instrument Serial Number: ARJN-0023

Date(s) Testing Performed: 12.15.2022

Draeger Alcotest 9510 Version info

Date: 15.12.2022 Time: 07:47

Serial: ARJN-0023

M16 Ver:1.2/8322798 M16 Checksum:0x3F84 BTL Ver:1.5/8323536

WinCE Ver:5.14/8322797 WinCE Checksum:0x2B9D WinCE ImageVer:1.8

Cfg Ver:3.1/8322796 AP Ver:3.1/8322796A NAP Ver:3.1/8322796NA AP/NAP CRC:0xE495/0xC365

Drink. location: 0x6AAA Lifecounter: 34184

Config files:
RecordData\_095
InternalPrinterCfg\_026
TextsInternalPrt\_039
FontsInternalPrt\_001
Parameter\_039
MeasProc\_135
WinCeCfg\_053
ExternalPrtCfg\_106
Texts1ExternalPrt\_066
AccessRights\_029

Subversion:

12/16/2

( ) Naubi 22

• WINCE: 8322797 VERSION 5.14 • M16: 8322798 VERSION 1.2 • CONFIG: 8322796 VERSION 3.1

INTERFERENT DETECTED, INVALID SAMPLE, AND SAMPLES OUTSIDE 10% (Step 6)

Type of scenario	Instrument reacted as intended (yes/no)
INTERFERENT DETECTED	✓Yes □ No
SAMPLES OUTSIDE 10%	✓ Yes □ No
INVALID SAMPLE	Yes □ No
Comments	

Observation times (Step 7)

	Draeger Displayed Time	Entered Time	Result
i.	0934	6934	16 min
ii.	0936	0920	lmin
iii.	0936	U935	15 min
iv.	0937	0938	" obs time valid 0737 \$ 6937"
٧.	0938	2138	" obs time valid 0738 \$ 0938 "
vi.	1939	0735	obstime Valido 739 do 939 "
vii.	0940	0740	Cont Sequence
viii.	6941	0146	1 065 time valid 0741 8 0941
ix.	0942	0743	Cont squence - Summary 6743
х.		1743	Summary time: 0743
Com	ments	<u> </u>	

Data entry (Step 7)

Type of data	Instrumen intended (	t reacted as yes/no)	Comments
Operator Observed Subject Entire Time	Yes	□ No	message to complete obsv.
Subject Smoke, Vomit, Put Anything in Mouth	✓ Yes	□ No	" to restart w/ obsu
Citation/Case Number	∠ <b>E</b> Yes	□ No	·
County of Arrest	√Yes	□ No	
Crime Arrested For	Yes	□ No	
Collision Involved	<b>∠</b> Yes	□ No	
Subject drinking at specific drinking establishment	<b>√</b> Yes	, 🗆 No	
PBT Given	∠ Yes	□ No	
Summary Screen	<b>⊉</b> Yes	□ No	
Scan Operator Card	Yes	□ No	
Summary Screen	Yes	□ No	
Subject Ethnic Group	Yes	□ No	
Subject Driver License State	Yes	□ No	
Scan WA, OR, ID, and/or NY Licenses	Yes	□ No	
License manual entry	<b>∠</b> Yes	□ No	DURING STEP8
Gender "X"	<b>∠</b> Yes	□ No	·
Summary Screen	<b>₽</b> Yes	□ No	
Breath Test	Ýes	□ No	
Printed Documents (two by default)	Yes	□ No	
Comments			nentation Page 2 of 4

• WINCE: 8322797 VERSION 5.14 • M16: 8322798 VERSION 1.2

reath Test Scenarios (Steps 7 - 9)  Type of scenario	Instrumen	t reacted as	s intended (y	es/no)
Not meeting sampling parameter, then continue	√Yes	□ No		
Meeting sampling parameters (complete breath test)	<b>∠</b> Yes	□ No		
Allow two minutes to pass – Verify "Refusal" & "Incomplete" are displayed/Printout	Yes	□ No		
Press "Stop" – verify "Refusal," "Incomplete," & "Continue" are displayed/Printout	Yes	□ No	1 DOC	Printe
Comments				
upervisor Test (Step 10)	1.			
Type of scenario	SC SCHOOLSESS CONTROL		s intended (y	/es/no)
Active Cylinder 1; Cylinder set to 2 during Supervisor Test/Printout	Yes	□ No	:104	
Active Cylinder 2; Cylinder set to 1 during Supervisor Test/Printout	Yes	□ No		
Comments				
teprint function (Step 11)				
Type of scenario	Instrumer	t reacted a	s intended (y	yes/no)
Verify information is displayed on the "Reprint screen" after selecting a record to be	Yes	□ No		
reprinted. Reprint selected document.  Verify identified items ARE listed as reprint options	Yes	□ No		
	72 105			
Comments				
Cylinder Change (Step 12) Type of scenario		Children Commence of the special Comme	s intended (	yes/no)
Cylinder Change (Step 12)	Instrumer	it reacted a □ No	s intended (	yes/no)
Cylinder Change (Step 12) Type of scenario Cylinder Change & Printout Comments	Yes	□No		
Cylinder Change (Step 12) Type of scenario Cylinder Change & Printout	Yes	□ No  nt reacted a	s intended (y	
Cylinder Change (Step 12)  Type of scenario  Cylinder Change & Printout  Comments  Daylight Saving Time Change (Step 13)	Instrumer Yes	□ No  nt reacted a □ No		
Type of scenario  Cylinder Change & Printout  Cylinder Change & Printout  Comments  Daylight Saving Time Change (Step 13)  Type of scenario  Time change on March 12, 2023  Time change on November 6, 2022	Yes	□ No  nt reacted a		
Type of scenario Cylinder Change (Step 12)  Cylinder Change & Printout Comments  Daylight Saving Time Change (Step 13)  Type of scenario  Time change on March 12, 2023	Instrumer Yes	□ No  nt reacted a □ No		
Type of scenario  Cylinder Change & Printout  Cylinder Change & Printout  Comments  Daylight Saving Time Change (Step 13)  Type of scenario  Time change on March 12, 2023  Time change on November 6, 2022	Instrumer Yes Yes	□ No  nt reacted a □ No □ No	ns intended (	yes/no)
Cylinder Change (Step 12)  Type of scenario  Cylinder Change & Printout  Comments  Daylight Saving Time Change (Step 13)  Type of scenario  Time change on March 12, 2023  Time change on November 6, 2022  Comments  Conditional Disabling Algorithm – Evidential Mode (Step 14A through 14D)  Type of scenario	Instrumer Yes Instrumer	□ No  nt reacted a □ No □ No		yes/no)
Cylinder Change (Step 12)  Type of scenario  Cylinder Change & Printout  Comments  Daylight Saving Time Change (Step 13)  Type of scenario  Time change on March 12, 2023  Time change on November 6, 2022  Comments  Conditional Disabling Algorithm – Evidential Mode (Step 14A through 14D)  Type of scenario  CAL. STANDARD FAILED – allowed to continue	Instrumer Yes  Instrumer Yes	□ No  nt reacted a □ No □ No □ No	ns intended (	yes/no)
Cylinder Change (Step 12)  Type of scenario  Cylinder Change & Printout  Comments  Daylight Saving Time Change (Step 13)  Type of scenario  Time change on March 12, 2023  Time change on November 6, 2022  Comments  Conditional Disabling Algorithm – Evidential Mode (Step 14A through 14D)  Type of scenario  CAL. STANDARD FAILED – allowed to continue  CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED	Instrumer Yes Instrumer Yes Yes Yes	nt reacted a	ns intended (	yes/no)
Cylinder Change (Step 12)  Type of scenario  Cylinder Change & Printout  Comments  Daylight Saving Time Change (Step 13)  Type of scenario  Time change on March 12, 2023  Time change on November 6, 2022  Comments  Conditional Disabling Algorithm – Evidential Mode (Step 14A through 14D)  Type of scenario  CAL. STANDARD FAILED – allowed to continue  CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED  CAL. STANDARD FAILED – followed by INHALATION DETECTED	Instrumer Yes Yes Yes Yes Yes Yes Yes	nt reacted a No No No No No No	ns intended (	yes/no)
Cylinder Change (Step 12)  Type of scenario  Cylinder Change & Printout  Comments  Daylight Saving Time Change (Step 13)  Type of scenario  Time change on March 12, 2023  Time change on November 6, 2022  Comments  Conditional Disabling Algorithm – Evidential Mode (Step 14A through 14D)  Type of scenario  CAL. STANDARD FAILED – allowed to continue  CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED	Instrumer Yes Instrumer Yes Yes Yes	nt reacted a	ns intended (	yes/no)
Cylinder Change (Step 12)  Type of scenario  Cylinder Change & Printout  Comments  Daylight Saving Time Change (Step 13)  Type of scenario  Time change on March 12, 2023  Time change on November 6, 2022  Comments  Conditional Disabling Algorithm – Evidential Mode (Step 14A through 14D)  Type of scenario  CAL. STANDARD FAILED – allowed to continue  CAL. STANDARD FAILED – followed by BLOWING NOT ALLOWED  CAL. STANDARD FAILED – followed by INHALATION DETECTED	Instrumer Yes Yes Yes Yes Yes Yes Yes	nt reacted a No No No No No No	ns intended (	yes/no)

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Type of scenario		Instrument Out of Service (yes/no)
the second secon	FAILED - allowed to continue then placed into Evidential Mode	□Yes □ No
CAL. STANDARD	FAILED - followed by BLOWING NOT ALLOWED then	✓ Yes □ No
CAL. STANDARD	FAILED – followed by INHALATION DETECTED then placed de	✓Yes □ No
CAL. STANDARD Evidential Mode	FAILED - followed by CHECK AIRWAY then placed into	✓Yes □ No
Comments		
Cal gas supply state	us code – Evidential Mode (Step 15A)	
Type of scenario		Instrument Out of Service (yes/no)
CAL GAS SUPPL	Y – allowed to continue	✓ Yes □ No
Comments		
Cal gas supply stat	us code – Training Mode (Step 15B)	
Type of scenario		Instrument Out of Service (yes/no)
The state of the s	Y – allowed to continue then placed into Evidential Mode	Yes No
The state of the s	Y – allowed to continue then placed into Evidential Mode	Yes 🗆 No
CAL GAS SUPPL Comments		Yes 🗆 No
CAL GAS SUPPL Comments Polling Data (Step		Yes
CAL GAS SUPPL Comments  Polling Data (Step Verify polling data	16)	
CAL GAS SUPPL Comments  Polling Data (Step Verify polling data information, etc).	16) reflects information from breath test (gender selection, license	
CAL GAS SUPPL Comments  Polling Data (Step Verify polling data information, etc). Comments  Draeger Generated	16) reflects information from breath test (gender selection, license  Documents (9):	✓Yes □ No
CAL GAS SUPPL Comments  Polling Data (Step Verify polling data information, etc). Comments  Draeger Generated 8tep 5:	16) reflects information from breath test (gender selection, license  I Documents (9):  DRAEGER ALCOTEST 9510 CALIBRATION/ ADJUSTMENT	✓Yes □ No
CAL GAS SUPPL Comments  Polling Data (Step Verify polling data information, etc). Comments  Draeger Generated 8tep 5: 8tep 7p-q:	16) reflects information from breath test (gender selection, license  Documents (9):  DRAEGER ALCOTEST 9510 CALIBRATION/ ADJUSTMENT Complete breath test (2 copies)	✓Yes □ No
CAL GAS SUPPL Comments  Polling Data (Step Verify polling data information, etc). Comments  Draeger Generated 8tep 5: 8tep 7p-q: Step 8:	16) reflects information from breath test (gender selection, license  Documents (9):  DRAEGER ALCOTEST 9510 CALIBRATION/ ADJUSTMENT Complete breath test (2 copies) Incomplete	✓Yes □ No
CAL GAS SUPPL Comments  Polling Data (Step Verify polling data information, etc). Comments  Draeger Generated  8tep 5: 8tep 7p-q: Step 8: Step 9:	reflects information from breath test (gender selection, license  Documents (9):  DRAEGER ALCOTEST 9510 CALIBRATION/ ADJUSTMENT Complete breath test (2 copies) Incomplete Refusal	✓Yes □ No
CAL GAS SUPPL Comments  Polling Data (Step Verify polling data information, etc). Comments  Draeger Generated 8tep 5: 8tep 7p-q: Step 8:	16) reflects information from breath test (gender selection, license  Documents (9):  DRAEGER ALCOTEST 9510 CALIBRATION/ ADJUSTMENT Complete breath test (2 copies) Incomplete	✓Yes □ No

12/27/22 12/27/22

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### DRAEGER ALCOTEST 9510 CALIBRATION/ADJUSTMENT RECORD

SERIAL NUMBER:

ARJN-0023

SOFTWARE VER.:

8322798 1.2

CONFIG. VER.:

8322796 3.1

**TECHNICIAN:** 

LECOUNT/K/E

TIME/DATE BEGAN: 07:50 12/15/2022

CALIBRATION ADJUSTMENT PERFORMED:

BATCH#: 202108D

**REF VALUE: 0.0803** 

SIM#: DR3067

THERM#: DR3067

#### **CALIBRATION PROCEDURE**

Results Units g/210L

Simulator #	DF	R4986	DF	R4779		R4773		R3067
Sim Thermometer #	DF	R4986	DF	R4779	DF	R4773	DF	R3067
QAP Batch #	20	2205C	20	2110C	20	2203C	20	<u> 2111G                                  </u>
Reference Value	0.0	)402	0.0	0806	0.1	507	0.2	2010
Sim Temp 34.0°C ±								
0.2°C Before?	YE	S	YE	S	YE	S	YE	<u>S</u>
	IR	EC	IR	EC	IR	EC	IR	EC
1	0.041	0.041	0.083	0.081	0.155_	<u>0.151</u>	0.205	0.198
2	0.041	0.041	0.083	0.082	0.155	0.152	0.207	0.201
3	0.041	0.041	0.083	0.083	0.155	0.152	0.209	0.202
4	0.041	0.041	0.083	0.083	<u>0.155</u>	0.152	0.209	0.202
5	0.041	0.041	0.083	0.083	0.156	0.152	0.209	0.202
Sim Temp 34.0°C ±								
0.2°C After?	YE	S	YE	S	YE	S	YE	ES
Mean	0.0410	0.0410	0.0830	0.0824	0.1552	<u>0.1518</u>	0.2078	0.2010
SD	0.0000	0.0000	0.0000	0.0009	0.0004	0.0004	0.0018	0.0017
Bias %		1.99	2.98	2.23	2.99	0.73	3.38	0.00
CV %	0.00	0.00	0.00	1.09	0.26	0.26	0.87	0.85

COMPLETE BREATH TEST:

YES

**ESS LOT#:** 302-402371868

**EXP DATE:** 02/28/2025

INTERFERENCE TEST:

YES

BATCH#:

202108D

DR2045 SIM#:

ACETONE LOT#: KL20190419

THERM#: DR2045

**INVALID SAMPLE:** 

YES

REFERENCE BAROMETER S/N:

410004SV

**COMMENTS:** 

AS FOUND ESS RESULT:

LECOUNT/K/E Technician Name

18:58 B.15.22 Time/Date Procedure Completed

ALCOTEST 9510 SERIAL NUMBER ARJN-0023 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 12/15/2022

Analysis Date: 12/15/2022

Observation Period Began: 08:45 Citation/Case Number: STEP6A Operator Name: LECOUNT/ KATE/ E Subject Name: ACETONE/ TEST/ 6A Subject Date of Birth: 01/01/1950 External Standard Lot: 893108

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	09:13		
Internal Standard	VERIFIED	09:13		
Subject Sample 1				
IR Result		09:13		
EC Result		09:13		
Blank Test		:		
External Standard	IR	:		
External Standard	EC	<u>*</u>		
Blank Test		:		
Subject Sample 2				
IR Result		:		
EC Result		:		
Blank Test	~~~~	:		

### Test Result: TEST INCOMPLETE

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Printed Name

Date 12.15.22 Location: City/State WSP VANCOUNER LAB

ALCOTEST 9510 SERIAL NUMBER ARJN-0023 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 12/15/2022

Analysis Date: 12/15/2022

Observation Period Began: 08:45 Citation/Case Number: STEP6A Operator Name: LECOUNT/ KATE/ E Subject Name: ACETONE/ TEST/ 6A Subject Date of Birth: 01/01/1950 External Standard Lot: 893108

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	09:13		
Internal Standard	VERIFIED	09:13		
Subject Sample 1				
IR Result		09:13		
EC Result		09:13		
Blank Test		:		
External Standard	IR	:		
External Standard	EC	:		
Blank Test		:		
Subject Sample 2				
IR Result		·		
EC Result		:		
Blank Test		:		

### Test Result: TEST INCOMPLETE

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature XELECOUNT 147

Printed Name KELECOUNT 147

Date 12:15:22 Location: City/State WSP VAN CONVER LAB

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ALCOTEST 9510 SERIAL NUMBER ARJN-0023 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 12/15/2022

Analysis Date: 12/15/2022

Observation Period Began: 09:00 Citation/Case Number: STEP7P Operator Name: LECOUNT/ KATE/ E Subject Name: DOE/ MARY/ JANE Subject Date of Birth: 05/03/1970 External Standard Lot: 893108

Breath Analysis	Result g/210L	Time hh:mm	Volume liters	<b>Blowtime</b> seconds
Blank Test	0.000	09:50		
Internal Standard VE	RIFIED	09:51		
Subject Sample 1			1.7	6.2
IR Result	0.000	09:52		
EC Result	0.000	09:52		
Blank Test	0.000	09:53		
External Standard IR	0.082	09:53		
External Standard EC	0.079	09:53		
Blank Test	0.000	09:55		
Subject Sample 2			1.7	6.2
IR Result	0.000	09:55		
EC Result	0.000	09:55		
Blank Test	0.000	09:56		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Date 12.15.22 Location: City/State WSP VAN CONVER LAB

142 c

ALCOTEST 9510 SERIAL NUMBER ARJN-0023 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 12/15/2022

Analysis Date: 12/15/2022

Observation Period Began: 09:00 Citation/Case Number: STEP7P Operator Name: LECOUNT/ KATE/ E Subject Name: DOE/ MARY/ JANE Subject Date of Birth: 05/03/1970 External Standard Lot: 893108

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	09:50		
Internal Standard VE	RIFIED	09:51		
Subject Sample 1			1.7	6.2
IR Result	0.000	09:52		
EC Result	0.000	09:52		
Blank Test	0.000	09:53		
External Standard IR	0.082	09:53		
External Standard EC	0.079	09:53		
Blank Test	0.000	09:55		
Subject Sample 2			1.7	6.2
IR Result	0.000	09:55		
EC Result	0.000	09:55		
Blank Test	0.000	09:56		

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Printed Name Date 12.15.32 Location: City/State WSP VANCOUVER LAB

Jan 15 . 82 May

ALCOTEST 9510 SERIAL NUMBER ARJN-0023 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 12/15/2022

Analysis Date: 12/15/2022

Observation Period Began: 09:40 Citation/Case Number: STEP8

Operator Name: LECOUNT/ KATHLEEN/ E

Subject Name: DOE/ MARY/ JANE Subject Date of Birth: 05/03/1970 External Standard Lot: 893108

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	10:02		
Internal Standard	VERIFIED	10:03		
Subject Sample 1				
IR Result		10:05		
EC Result		10:05		
Blank Test		:		
External Standard	IR			
External Standard	EC	:		
Blank Test				
Subject Sample 2				
IR Result		:		
EC Result		:		
Blank Test		:		

### Test Result: TEST INCOMPLETE

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

Date 12.15.22 Location: City/State WSP VAN CONUSE LAB

ALCOTEST 9510 SERIAL NUMBER ARJN-0023 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 12/15/2022

Analysis Date: 12/15/2022

Observation Period Began: 09:50 Citation/Case Number: STEP9

Operator Name: LECOUNT/ KATHLEEN/ E

Subject Date of Birth: 05/03/1970 External Standard Lot: 893108

Breath Analysis	Result g/210L	Time hh:mm	<b>Volume</b> liters	Blowtime seconds
Blank Test	0.000	10:10		
Internal Standard	VERIFIED	10:11		
Subject Sample 1				
IR Result		10:11		
EC Result		10:11		
Blank Test		:		
External Standard	IR	:		
External Standard	EC			
Blank Test		:		
Subject Sample 2				
IR Result				
EC Result		:		
Blank Test		!		

### Test Result: SUBJECT REFUSED

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was certified to operate the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the subject during the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Officer Signature

Date/2.15. 22 Location: City/State WSP VAN COUNTR LAR

## Washington State Patrol Supervisor Test

Sequential Test #: 709 12/15/2022 10:15 Test Date: **Breath Test Instrument Information** ARJN-0023 Serial Number: Alcotest 9510 Model **External Standard Test Details** Time **Function** Result HH:MM g/210L <u>OK</u> 10:15 Diagnostic 0.000 10:15 Blank Test 10:16 0.101 External Standard IR 10:16 0.098 External Standard EC Blank Test 0.000 10:16 OK 10:17 Diagnostic KE. LECOUNT Operator:

Arthor to 102

1215.00

Sig. Date:

### **Washington State Patrol Supervisor Test**

Test Date:

12/15/2022 10:18

Sequential Test #:

710

**Breath Test Instrument Information** 

Model

Alcotest 9510

Serial Number:

ARJN-0023

### **External Standard Test Details**

Function	Result	Time	
	g/210L	<u>HH:MM</u>	
Diagnostic	ŌK	10:18	
Blank Test	0.000	10:18	
External Standard IR	0.050	10:19	
External Standard EC	0.049	10:19	
Blank Test	0.000	10:19	
Diagnostic	OK	10:20	

Sig. Date:

1215-82

ALCOTEST 9510 SERIAL NUMBER ARJN-0023 SOFTWARE VERSION 8322798 1.2 CONFIGURATION VERSION 8322796 3.1 DATE OF LAST QAP: 12/15/2022

Analysis Date: 12/15/2022

Observation Period Began: 09:40 Citation/Case Number: STEP8

Operator Name: LECOUNT/ KATHLEEN/ E

Subject Name: DOE/ MARY/ JANE Subject Date of Birth: 05/03/1970 External Standard Lot: 893108

Breath Analysis	<b>Result</b> g/210L	Time hh:mm	<b>Volume</b> liters	<b>Blowtime</b> seconds
Blank Test	0.000	10:02		
Internal Standard	VERIFIED	10:03		
Subject Sample 1				
IR Result		10:05		
EC Result		10:05		
Blank Test				
External Standard	IR	:		
External Standard	EC	:		
Blank Test		:		
Subject Sample 2				
IR Result		:		
EC Result		;		
Blank Test	and and and	:	•	

### Test Result: TEST INCOMPLETE

During this test, I followed all protocols set in place by the Washington State Toxicologist for the purposes of this test. At the time of this test I was carried the Alcotest 9510 and possessed a valid permit issued by the State Toxicologist. I observed the entire observation period and during that time they did not eat, drink, smoke, vomit, or place any foreign substances in their mouth.

I declare under penalty of perjury under the law of Washington that the foregoing is true and correct.

Date 12.15-22 Location: City/State WSP VAN CONVER LAB

(b) bst +214

### Washington State Patrol External Standard Change

711 Test Date: 12/15/2022 Sequential Test #: WASHINGTON Location: **Breath Test Instrument Information QAP** Date Model Serial Number Alcotest 9510 ARJN-0023 12/15/2022 **Drygas Cylinder External Standard Information** Lot Number Concentration Expiration Inlet 1495472 0.080 05/13/2024 CAL GAS INLET 1 **External Standard Test Details** Result Time Function g/210L HH:MM Blank Test 0.000 10:26 External Standard IR 0.085 10:26 External Standard EC 0.082 10:26 Blank Test 0.000 10:27 External Standard IR 0.085 10:27 External Standard EC 0.083 10:27 Blank Test 0.000 10:29 External Standard IR 0.085 10:29 External Standard EC 0.083 10:29 0.000 Blank Test 10:29 External Standard Change Results: CYLINDER INSTALLATION SUCCESSFUL **Operator Information** Operator: KATHLEEN LECOUNT Sig. Date: 12/15/2022

12/15/22