



## CIGARETTE IGNITION PROPENSITY FIRE SAFE CIGARETTES PROGRAM

### Revised Code of Washington (RCW) 19.305

[RCW 19.305](#) Cigarette Ignition Propensity and all of its subsections are effective August 1, 2009. Each manufacturer shall submit to the state director of fire protection a written certification attesting that each cigarette sold by them in the state of Washington is in compliance with all testing requirements and performance standards set forth by [RCW 19.305](#).

### Testing Requirements

Per [RCW 19.305.020](#), testing of all brands of cigarettes shall be conducted in accordance with the American Society of Testing and Materials (ASTM) standard E2187-04, "standard test method for measuring the ignition strength of cigarettes."

Cigarette varieties must be tested using the ASTM International specification E2187-04, Standard Test Method for Measuring the Ignition Strength of Cigarettes.

- Testing must be conducted on 10 layers of filter paper.
- Forty replicate tests shall constitute a complete test trial for each cigarette variety tested.
- For a cigarette variety to be declared to have reduced ignition propensity, no more than 25 percent of the cigarettes in a complete test trial conducted in accordance with an ignition propensity testing method described in this section shall exhibit full-length burns.
- A cigarette listed in a certification using lowered permeability bands in the cigarette paper to achieve compliance with the fire safety performance standard described in this section must have:
  - At least two nominally identical bands on the paper surrounding the tobacco column.
    - **If the bands are not positioned on the cigarette by design**, at least one complete band must be at least 15 millimeters from the lighting end of the cigarette.
    - **If the bands are positioned on the cigarette by design**, the cigarette must have at least two bands that are entirely located at least 15 millimeters from the lighting end.



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- **If the cigarette is filtered**, bands must be located at least 10 millimeters from the filter end of the tobacco column.
- **If the cigarette is non-filtered**, bands must be located at least 10 millimeters from the labeled end of the tobacco column.

The laboratory that conducts ignition propensity testing must have a quality control and assurance program. The program shall be designed to ensure the testing repeatability value for all test trials used to certify a cigarette variety. The repeatability value of ignition propensity testing may not be greater than 0.19.

For more information on alternative testing methods, please see [RCW 19.305.020](#)(3).

## Certification Requirements

Per [RCW 19.305.030](#), each manufacturer shall submit to the state director of fire protection a written certification attesting that each cigarette brand sold by them in the state of Washington is in compliance with all testing requirements and performance standards set forth by [RCW 19.305](#).

Please send applications with required documents to:

**Office of the State Fire Marshal  
Fire Safe Cigarettes Program  
Post Office Box 42600  
Olympia, WA 98504-2600**

## Renewal Requirements

Per [RCW 19.305.030](#)(4)(5)(6), all manufacturers shall renew the certification of each cigarette brand sold, or offered for sale to any person located in the state of Washington every three years, or any time a change is made to the cigarette that is likely to alter its compliance with the reduced ignition propensity standards required by [RCW 19.305](#).