



FIRE PROTECTION BUREAU
Licensing and Certification Programs
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NFPA 20 – Fire Pumps 2 Days/16 Hours

Course Synopsis:

This 2-day course provides a detailed review of the design, installation, and acceptance testing of stationary fire pumps. The course begins with a review of basic pump principles including laminar and balanced flow along with basic hydraulic principles. The difference between centrifugal and positive displacement pumps will be examined. The attendees will learn about the various types of centrifugal fire pumps and how each are best applied. The performance requirements, selection and sizing of pumps will be discussed with hands-on activities to give experience in choosing the most cost effective fire pump. Installation requirements will be thoroughly reviewed with illustrations of acceptable and unacceptable layouts. The purpose of pressure maintenance (jockey) pumps will be thoroughly examined including methods for choosing the correct capacity. The requirement for motor drivers, engine drivers, and their controllers will be examined. Finally, the course examines the requirements for acceptance testing and the required documentation for an approved fire pump installation.

Audience: Certificate of Competency Holders, AHJ

Instructor: Fire Smarts, LLC

Recommended NFPA Standard: 2013 NFPA 20 (copies will not be provided)

Class Date/Time	Location
May 4-5, 2021 8:00 a.m. – 5:00 p.m.	Online

November 16-17, 2021 8:00 a.m. – 5:00 p.m.	TBD
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CEU credits: All classes are eligible for CEU credits. To receive credits and/or a Certificate of Attendance, you must attend the entire training.

Registrations: [CLICK HERE TO REGISTER.](#) Registration must be submitted at least 15 calendar days prior to the course. Training spots are given on a first come, first serve basis. Attendance is limited to 30 students per class. A confirmation email will be sent within 5 business days confirming attendance.

Cancellations: If you are unable to attend the training after completing registration, please notify the SFMO as soon as possible.

For more information or any questions, please email firesprinkler@wsp.wa.gov or call (360) 596-3946.