



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

Required NFPA Standard: NFPA 20 (copies will not be provided)

Instructor: Fire Smarts, LLC

Class Date/Time

February 19 – 20, 2019
8:00 a.m. – 5:00 p.m.

October 22 – 23, 2019
8:00 a.m. – 5:00 p.m.

Location

Kennewick Fire Training Center
1811 South Ely Street
Kennewick, WA 99336

Spokane Valley Fire Department
2120 North Wilbur Road
Spokane Valley, WA 99206

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: Training spots are given on a first come, first serve basis. Attendance is limited to 30 students per class. You must register with our office prior to attending; no walk-ins allowed. Email registration form to firesprinkler@wsp.wa.gov or fax to (360) 596-3934; forms must be submitted at least 15 calendar days prior to the course. 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.



FIRE PROTECTION BUREAU
 Licensing and Certification Programs
 PO Box 42642, Olympia WA 98504-2642
 (360) 596-3946 Email: firesprinkler@wsp.wa.gov



Date Received

Course Registration

Name of Attendee:			
Email Address:			
Employer/ Agency:			
Mailing Address:			
City, State, Zip:			
Contact Phone #:			
I am attending as or on behalf of:	Sprinkler Industry	Local AHJ	Other
	<input type="checkbox"/> Sprinkler	<input type="checkbox"/> City/County Agency	<input type="checkbox"/> Maintenance Staff
	<input type="checkbox"/> Other	<input type="checkbox"/> State/Federal Agency	<input type="checkbox"/> Student
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How to Register:

1. Print clearly, completing all fields. One student and one course per registration form.
2. Return to the State Fire Marshal's Office (SFMO) no less than 15 calendar days prior to the course.
3. Email form to firesprinkler@wsp.wa.gov or fax to (360) 596-3934.