

Seminar Title: Pumps for Fire Protection

Seminar Description: Utilizing NFPA 20, Standard for the Installation of Stationary Pumps for Fire Protection, this one-day program guides the participant through the basic operating principles of fire pumps, the requirements for the various components that make up a fire pump package and the requirements for acceptance testing for the pump to ensure proper operation.

Total Instructional Hours: 8 Contact Hours

Learning Objectives: At the conclusion of this seminar the participant will be able to:

1. Describe and identify the different types of fire pumps, their applications, & their placement
2. Explain how centrifugal pumps operate
3. Discuss the general rules applicable to all fire pumps
4. Describe the items required & permitted in the fire pump suction & discharge piping
5. Describe the rules pertaining to various power sources for fire pumps & the equipment that controls each respective source
6. Apply a process in order to properly size a fire pump
7. Explain acceptance testing for fire pumps
8. Discuss specific rules for fire pumps in high rise buildings

Seminar Format(s): Lecture, Discussion, Activities

Participant Materials: NFPA 20, Participant Materials

Assessment Method: In class discussion