SPRINKLERS LEVEL II

Credit 0.5

7 0

Course Description

This course is designed to increase the firefighters knowledge of various types of sprinkler systems and the working of these systems.

Prerequisites: FRS 1048 or Consent

Corequisite: None

1. Identify the sources of water supply for sprinkler systems, including: a. Public water systems; b. Gravity tank; c. Pressure tank; d. Pumps; and e. Fire department connections. 2. Describe how the direction of water flow through a fire department connection check valve can be determined, including: a. Arrows; and b. Pivot casting. 3. Identify The location and appearance of the control and operating valves of a sprinkler system, including: a. Outside screw and yoke (OS&Y); b. Post indicator; and c. Wall post indicator. 4. Identify the dangers of the premature closure of a sprinkler system. 5. Open and close a main drain valve on an automatic sprinkler system. 6. Identify the difference between an automatic sprinkler system fis supplying the automatic sprinkler system. 7. Identify the difference between an automatic sprinkler system that affords complete coverage and a partial sprinkler system. 8. 9. Describe the following types of sprinkler systems: a. Wet pipe; b. Dry pipe; c. Deluge; and d. Residential. 9. Read and record the indicated press
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11 Define the reliability of automatic aprinkler systems and give 9 reasons for unsatisfactory performance
12. Civen a check value on the fire department connection to an automatic annihilar system. demonstrate the
12. Offen a check value on the fire department connection to an automatic sprinkler system, demonstrate the direction of water flow through the value.
12 Demonstrate methods for sugmenting water supplies to sprinkler systems
15. Demonstrate methods for augmenting water supplies to sprinkler systems.
14. Orven specific miorination on a spinikler system, identify the number of spinikler heads that can be adequately supplied by various capacity fire department pumpers
15 Given specific information on a sprinkler system calculate the bose layouts, pump discharge pressure, and
procedures to adequately supply water to the sprinkler system
16 Given specific information on a dry standnine system calculate the hose layouts: nump discharge pressure
and procedures to adequately supply water to the dry standpipe system.
17 Given specific information on a wet standpipe system, calculate the hose layouts; nump discharge pressure
and procedures to adequately supply water to the standpipe system
18 Identify the proper methods and procedures to supply a standpipe system.
not usable.

Instructor Equipment List

Dry pumper Standpipe system Wet standpipe system Hose and appliances

Student Equipment List

Personal protective equipment

Old FRT Number: 460 / FRT 149