

SECTION 11 FIRE PROTECTION SYSTEMS

Live Fire Training Prerequisite - There are no objectives required for this certification level.

Firefighter I - There are no objectives required for this certification level.

Firefighter II

- 11-II.01 Trainee shall identify a fire department sprinkler connection and water motor alarm.
NFPA 1001 5.5.3
- 11-II.02 Trainee shall connect hose line(s) to a fire department connection of a sprinkler or standpipe system.
NFPA 1001 5.5.3
- 11-II.03 Trainee shall define how the automatic sprinkler activates and releases water.
NFPA 1001 5.5.3
- A. Fusible Link
 - B. Glass (Frangible) Bulb
 - C. Chemical Pellet
- 11-II.04 Trainee shall temporarily stop the flow of water from a sprinkler head.
NFPA 1001 5.5.3
- 11-II.05 Trainee shall identify the main control valve on the system.
NFPA 1001 5.5.3
- 11-II.06 Trainee shall operate a main control valve on the system from open to closed and back to open.
NFPA 1001 5.5.3
- 11-II.07 Trainee shall define the value of automatic sprinklers in providing safety to the occupants in a structure.
NFPA 1001 5.5.3
- 11-II.08 Trainee shall identify and define the dangers of premature closure of sprinkler main control valve, and of using hydrants to supply hose streams when the same water system is supplying the automatic sprinkler system.
NFPA 1001 5.5.3
- 11-II.09 Trainee shall identify the difference between an automatic sprinkler system that provides complete coverage and a partial sprinkler system.
NFPA 1001 5.5.3
- 11-II.10 Trainee shall identify at least three sources of water for supply to an automatic sprinkler system.
NFPA 1001 5.5.3
- 11-II.11 Trainee shall identify the following:
NFPA 1001 5.5.3
- A. wet sprinkler system
 - B. dry sprinkler system
 - C. deluge sprinkler system
 - D. residential sprinkler system
- 11-II.12 Trainee, given an alarm valve of an automatic sprinkler system, shall identify the operation of the valve.
NFPA 1001 5.5.3
- 11-II.13 Trainee shall identify the types, components and operation of standpipe systems.
NFPA 1001 5.5.3

- 11-II.14 Trainee shall identify various types of special extinguishing systems.
NFPA 1001 5.5.3
- 11-II.15 Trainee shall identify various types of supervisory circuits.
NFPA 1001 5.5.3
- 11-II.16 Trainee shall identify the function of a fire annunciator panel.
NFPA 1001 5.5.3
- 11-II.17 Trainee shall identify various alarm initiating devices.
NFPA 1001 5.5.3