

(101) Safety and First Aid

The candidate should be familiar with OSHA Regulations, MSDS Sheets, and some environmental or EPA issues consistent with their level of experience.

(102) Codes and Standards- NFPA and new IBC Definitions

The Candidate should be able to identify the names of the standards for sprinklers, standpipes, pumps, tanks, and fire hose. The Candidate should be able to identify basic occupancies in NFPA 13 and the Florida State Building Code. There are questions regarding permissible language in codes, standards, and guides. The candidate will also be asked questions about Florida State Law.

(103) System Types - Function and operation (Wet, Dry, Preaction, and Deluge)

This subject will require the candidate show knowledge of the typical types of water-based fire protection systems. The candidate must also demonstrate an understanding of systems such as: Antifreeze, Standpipes, Foam Systems, Fire Pumps and Fire Service Mains.

(104) Basic System Components

The candidate should show a basic understanding of the inspection, testing and maintenance of:

- Control Valves
- Gages
- FDC's
- Water Flow Alarms
- Check Valves
- Back Flow Preventers
- Drains
- Compressors
- Various types of Sprinklers
(Orientation, Temperatures,
Pintles, Belleville Seal)
- Sprinkler Cabinets
- Pipe
- Fittings
- Hangers
- Hose Equipment
- PRV's and other special
equipment
- Relief Valves
- Pump packing

(105) NFPA 25 - Purpose, Organization and Responsibilities

The Candidates should be able to identify the chapter and sections containing requirements for the individual responsibilities of Owners, AHJ's and Inspectors. They should also understand the difference between the requirements of NFPA 13 and NFPA 25.

(106) Inspection Preparation, Procedures and Reporting

The Candidate should demonstrate an understanding of the reports required in NFPA 25 and under local law. They should identify the different equipment necessary for each task that is required in NFPA 25.

Candidates should be able to identify procedures needed for impairments, water flow, notification, and access. Candidates should also be able to identify and communicate deficiencies and observations. FL Specific Candidates should demonstrate an understanding of the requirements for reporting deficiencies under Florida Law.