



Water-based Fire Protection Inspector Level I Content Outline

1.1 Purpose, Organization and Scope

Candidates should understand the difference between a standard and a code and be able to identify the different NFPA standards as they pertain to NFPA 25. Candidates should be able to answer questions regarding the identification of the scope of work for an NFPA 25 Inspection, Testing and Maintenance service. The Candidate should also understand the specific requirements of any state and/or local regulations as they pertain to NFPA 25.

1.2 System Types

The Candidate should be able to identify the various types of water-based systems (wet, dry, preaction & deluge) to properly apply the rules for each respective system. The candidate must also be able to differentiate between other systems such as: Antifreeze, Standpipes, Fire Pumps and Fire Service Mains.

1.3 Basic System Components

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

- Control Valves
- Gages
- FDC's
- Water Flow Alarms
- Check Valves
- Back Flow Preventers
- Drains
- Compressors
- Various types of Sprinklers
- Sprinkler Cabinets
- Pipe
- Fittings
- Hangers
- Seismic bracing
- Hose Equipment
- PRV's and other special equipment
- Supervisory signal devices
- Relief Valves
- Pump packing

1.4 Inspection Preparation, Procedures and Reporting

The Candidate should demonstrate an understanding of the records required by NFPA 25 and any additional state or local regulations as they apply to NFPA 25. The candidate should be able to understand who is responsible for the various reporting and record keeping requirements of either NFPA 25 or any state and/or local jurisdictions.

1.5 Impairments and Deficiencies

Candidates should understand the requirements for tagging in relation to impairments according to NFPA. In addition, candidates should understand the various reporting procedures for deficiencies and/or impairments that may be required by state and/or local jurisdictions, and who is responsible for any such respective tagging and/or reporting procedures.