



## **Fire Protection Inspections and Requirements**

**Plans are to be submitted before work on project is commenced. Per SC General Statute.**

### **Fire Sprinkler Systems**

#### **Underground piping NFPA 24**

- Piping to meet standards (*See City of North Myrtle Beach Public Utilities Guidebook*)  
<http://www.nmb.us/files/files/pdf/pw/NMB%20Standard%20Specs%20-%20SCDHEC%20Approved.pdf>
- Fittings to meet standards (*See City of North Myrtle Beach Public Utilities Guidebook*)
- Bituminous coating applied (NFPA 24)
- 36 in. Burial depth (NFPA 24)
- Trace wire for CPVC piping
- Visual inspection before covering
- Proper thrust blocking (*See City of North Myrtle Beach Public Utilities Guidebook*)
- Hydro test 200 psi/2hrs (NFPA 24)
- Flush pipe (NFPA 24)
- NFPA 24 certificate (NFPA 24)

#### **Aboveground piping per NFPA 13;13R;13D**

- Rough-in before concealing pipe and finals required for all sprinkler systems
- Contractor Material and Test Certificate for Aboveground Piping per IFC and applicable NFPA standard
- Hydro test per NFPA 13 (200psi/2hrs)

### **Fire Alarms per NFPA72**

- Submit fire alarm shop drawings per SC Fire Code Section 907.1.2
- Final inspection required.
- Acceptance testing per IFC and NFPA 72
- Record of Completion per IFC and NFPA 72

### **Fire Suppression Systems**

- Plans to be submitted and approved per specific code.
- Rough In inspections to be performed per specific code.
- Final inspections to be performed per specific code.

### **Standpipe systems**

- Installation and inspections per IFC and NFPA 14

**To schedule inspections please call 843-280-5614; Allow 24 hrs. notice for all requested inspections.**

### **Fire Sprinkler Systems**

- The information provided on construction documents shall be in compliance with section 105.4.2 of The 2015 ed. of the SC Fire Code.
- The Fire Protection Sprinkler System Specification Sheet is required to be included in the bid documents for every fire protection sprinkler system.
- The Fire Protection Sprinkler System Specification Sheet is required to be provided to the authority having jurisdiction with the architectural/engineering drawings and specifications.

**Shop drawings shall be submitted to the AHJ before work is commenced on the project. These shall include:**

- Sprinkler hydraulic calculations, sprinkler reflective ceiling plans, piping plans and material specification sheets

### **Fire Alarm System**

Fire alarms construction documents shall contain provisions that conform with 907.1.1. of the 2015 ed. of the SC Fire Code

- Shop drawings complying with 907.1.2 2015 ed. of the SC Fire Code shall be submitted for review and approval prior to system installation.

**If further clarification is needed, or you have design criteria questions, contact the office of Fire Prevention.**