

Quality Fabrication & Supply Steel Pipe Submittal

All of the steel pipe to be used on this project meets or exceeds the requirements of one or more of the following standards as required by paragraph 2-3.1 NFPA 13-1996:

ASTM A795 **Specification for Black and Hot-Dipped Zinc Coated (Galvanized) Welded and Seamless Steel Pipe for Fire Protection Use**

ANSI/ASTM A 53 **Specification for Black and Hot-Dipped Zinc Coated (Galvanized) Welded and Seamless Steel Pipe**

ASTM A 135 **Specification for Electric – Resistance Welded Steel Pipe**

Manufacturers may vary. As per paragraph 2-3.7, NFPA 13-1996, all pipe shall be marked along its length to properly identify its type, schedule and manufacturing standard.

Additional approvals or listings are not required when:

1. Steel pipe meeting the above referenced ASTM specifications is used and joined by welding or roll-grooved pipe and fittings, the minimum nominal wall thickness for pressures up to 300 psi shall be in accordance with Schedule 10 for sizes up to 6 inches and .188 inches for 8" – 10" pipe.
2. Steel pipe meeting the above referenced ASTM specifications is used and joined by threaded fittings, the minimum wall thickness shall be in accordance with Schedule 40 in sizes less than 8 inches for pressures up to 300 psi.

Exception: Pipe meeting the above referenced ASTM specifications with wall thickness and pressure limitations less than Schedule 40 for threading or Schedule 10 for welding and roll-grooving, which have been investigated for suitability in automatic sprinkler installations and listed for this service, shall be permitted when installed in accordance with their UL or FM listing limitations.

All steel pipe is to be installed in strict accordance with the guidelines of NFPA 13 and therefore requires no special submittal of specific manufacture's installation instructions as noted in 6-1.1.2, NFPA 13-1996.