

6.1.13. Underground Pipes and Fittings

- i. FM 1613, Approval Standard for Polyethylene (PE) Pipe and Fittings for underground fire protection service, in accordance with NFPA 24 and AWWA C906, minimum DR-9 with temperature and pressure rating not less than the system working pressure.
- ii. FM 1614, Approval Standard for Fiber Reinforced Composite (FRC) Pipes and Fittings for underground fire protection service.
- iii. FM 1620, Approval Standard for Pipe joints and anchor fittings for underground fire protection service.
- iv. UL 1285 Pipe and Couplings, Polyvinyl Chloride (PVC), and Oriented Polyvinyl Chloride (PVCO) for Underground Fire Service
- v. UL 1713 Pressure Pipe and Couplings, Glass Fiber-Reinforced, for Underground Fire Service
- vi. UL 194 Gasketed Joints for Ductile-Iron Pipe and Fittings for Fire Protection Service

6.1.14. Aboveground Pipes and Fittings

- i. FM 1920, Approval Standard for Pipe coupling and fittings for aboveground fire protection service.
- ii. ANSI/UL 852, Metallic Sprinkler Pipe for Fire Protection Service
- iii. ANSI/UL 1821, Thermoplastic Sprinkler Pipe and Fittings for Fire Protection Service
- iv. FM 1637, Flexible Sprinkler Hose with Fittings
- v. FM 1630, Steel Pipe for Automatic Fire Sprinkler Systems
- vi. UL 852, Metallic Sprinkler Pipe for Fire Protection Service
- vii. UL 1821, Thermoplastic Sprinkler Pipe and Fittings for Fire Protection Service
- viii. ASTM A53, Galvanized Steel ERW Pipe, sch 40.
- ix. ASTM A53, Galvanized Steel Seamless Pipe, sch 40.