

SECTION 211119 – FIRE DEPARTMENT CONNECTIONS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Exposed-type and flush-type fire-department connections.

1.2 ACTION SUBMITTALS

A. Product Data: For each type of product.

1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for each fire-department connection.

PART 2 - PRODUCTS

2.1 FIRE-DEPARTMENT CONNECTION

- A. Standard: UL 405.
- B. Type: Exposed or flush
- C. Pressure Rating: 175 psig (1200 kPa) minimum.
- D. Body Material: Corrosion-resistant metal.
- E. Inlets: Brass with threads according to NFPA 1963 and matching local fire-department sizes and threads. Include extension pipe nipples, brass lugged swivel connections, and check devices or clappers.
- F. Caps: Brass, lugged type, with gasket and chain.
- G. Escutcheon Plate: Round, brass, wall type.
- H. Outlet: Back, with pipe threads.
- I. Number of Inlets: Two.
- J. Escutcheon Plate Marking: Similar to "AUTO SPKR &/or STANDPIPE."
- K. Finish:: Rough chrome plated.

- L. Outlet Size: **NPS 4 (DN 100)**. The Fire Department Connection caps shall be painted “Yellow” for connections that serve a combination standpipe and sprinkler system. The Fire Department Connection shall be painted “RED” for connections that serves only a standpipe system.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install wall-type fire-department connections.
- B. Install automatic (ball-drip) drain valve at each check valve for fire-department connection.

END OF SECTION 211119