

SECTION 21 05 18 - ESCUTCHEONS FOR FIRE SUPPRESSION PIPING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:
 - 1. Escutcheons.
 - 2. Floor plates.

1.3 SUBMITTALS

- A. Product Data: For each type of product indicated.

1.4 QUALITY ASSURANCE

- A. Installer Qualifications:
 - 1. Installer's responsibilities include preparing shop drawing submittals, fabricating, and installation and providing professional engineering services needed to assume engineering responsibility.
 - 2. Installer shall be State and Locally Licensed.
- B. References: Escutcheons, installation, and testing shall comply with all applicable codes and referenced design standards:
 - 1. International Building Code - 2015 Edition with DFW Amendments
 - 2. International Fire Code - 2015 Edition with DFW Amendments
 - 3. NFPA 13, Sprinkler Systems - 2013 Edition.
 - 4. DFW International Airport Design Criteria Manual – Nov 2015 (Rev 2 Oct 2020)
- C. Equipment and components not specifically specified shall be UL Listed for fire protection systems installation.
- D. All components shall be installed free of rust, corrosion, or visible damage. All items not complying with the requirement shall be replaced without cost to the Owner.

PART 2 - PRODUCTS

2.1 ESCUTCHEONS

- A. One Piece, Stamped Steel Type.
- B. Split Plate, Stamped Steel Type.
- C. One Piece, Galvanized Type (exterior side of penetrations).

2.2 FLOOR PLATES

- A. One Piece Floor Plates.
- B. Split Casting Floor Plates.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install escutcheons for piping penetrations of walls, ceilings, and finished floors.
- B. Install escutcheons with ID to closely fit around pipe, tube, and insulation of piping and with OD that completely covers opening.
- C. Install floor plates for piping penetrations of equipment room floors.
- D. Install floor plates with ID to closely fit around pipe, tube, and insulation of piping and with OD that completely covers opening.
- E. Install wall plates for exposed wall penetrations.
- F. Install wall plates with ID to closely fit around pipe, tube, and insulation of piping and with OD that completely covers opening.

3.2 FIELD QUALITY CONTROL

- A. Replace broken and damaged escutcheons and floor plates using new materials.

END OF SECTION