

## **SECTION 15080 - PIPING ACCESSORIES**

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### **PART 1 – GENERAL**

#### **1.1 SUMMARY**

- A. The extent of piping accessories work is indicated by plans, schedules, and by requirements of this section, and is hereby defined to include, but not necessarily limited to, sleeves, expansion units, and strainers.

#### **1.2 DELIVERY, STORAGE, AND HANDLING**

- A. Deliver piping accessories in factory-wrapped water-resistant fiber board type containers.
- B. Handle products carefully to avoid damage to components and to finish. Do not install damaged accessories; replace and remove from project site.
- C. Store accessories in a clean dry space; protect from dirt, fumes, water and construction traffic.

### **PART 2 – PRODUCTS**

#### **2.1 MANUFACTURED UNITS**

- A. Provide factory-fabricated piping accessories recommended by the manufacturer for use in the service indicated. Provide products of the types and pressure-ratings indicated for each service. Provide sizes and connections which properly mate with pipe, tube, valve and equipment connections.
- B. Escutcheon Plates: Metal split-ring type units, with nickel or chrome plated finish except primed-for-painting finish where painted finish is indicated for adjoining surface. Provide units sized to fit closely outside of pipe insulation (or bare pipe where no covering is indicated).

#### **2.2 ACCESSORIES**

- A. Steel-Pipe Sleeves: Fabricate from cast-iron pipe; remove burrs.

### **PART 3 – EXECUTION**

#### **3.1 INSTALLATION**

- A. Install escutcheon plates at pipe sleeves where piping is exposed to view in occupied spaces of the building, on the exterior, and elsewhere as indicated.
- B. Pipe Sleeves: Install pipe sleeves of the types indicated where piping passes through walls, floors, ceilings, roofs and structural members of the work. Provide sleeves of adequate size, accurately centered on pipe runs. Size sleeves so that piping and insulation (if any) will have free movement in the sleeve, including allowance for thermal expansion. Where insulation includes a vapor-barrier covering, provide sleeve with sufficient clearance for installation of vapor barrier, but not less than 2 pipe sizes larger than piping run. Install length of sleeve equal to thickness of construction penetrated. Provide temporary support of sleeves during placement of concrete and other work around sleeves, and provide temporary closure to prevent concrete and other materials from entering pipe sleeves.
  - 1. Sleeve Type: At exterior penetrations both above grade, install iron-pipe sleeves.
  - 2. Sleeve Type: Except as otherwise indicated, install steel-pipe sleeves.
- C. Caulk pipe sleeves at exterior penetrations and at other locations where indicated. Make permanent weathertight closure between sleeve and piping, slightly recessed at exposed surfaces.

**END OF SECTION 15080**

