

SECTION 22 0553

IDENTIFICATION FOR PLUMBING PIPING AND EQUIPMENT

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Pipe Markers

1.02 REFERENCE STANDARDS

- A. ASME A13.1 - Scheme for the Identification of Piping Systems; The American Society of Mechanical Engineers; 2007 (ANSI/ASME A13.1).
- B. ASTM D709 - Standard Specification for Laminated Thermosetting Materials; 2013.

1.03 SUBMITTALS

- A. Refer to Section 22 0510- General Plumbing Requirements, for submittal procedures.
- B. List: Submit list of wording, symbols, letter size, and color coding for plumbing identification.
- C. Product Data: Provide manufacturers catalog literature for each product required.

PART 2 PRODUCTS

2.01 PIPE MARKERS

- A. Manufacturers: Brimar, Seton Name Plate Co Setmark, Kolbi Industries Style A thru E(5 inch and smaller) else Style F thru H, Marking Services.
- B. Pipe Markers for Indoor Use: Seton Setmark; media indicator with direction-of-flow arrows on calendared vinyl sheet; snap-around type for pipe sizes to 5-7/8 inches diameter, strap around type with nylon ties for pipe sizes 6 inches diameter and larger.
- C. Plastic Pipe Markers: Factory fabricated, flexible, semi- rigid plastic, preformed to fit around pipe or pipe covering; minimum information indicating flow direction arrow and identification of fluid being conveyed.

PART 3 EXECUTION

3.01 PREPARATION

- A. Degrease and clean surfaces to receive adhesive for identification materials.

3.02 INSTALLATION

- A. Install plastic tape pipe markers complete around pipe in accordance with manufacturer's instructions.
- B. Install Pipe Markers on all piping systems at the following Locations:
 - 1. Mechanical Equipment Rooms:
 - a. Within 18 inches of each valve.
 - b. Within 36 inches of each 90° elbow, tee, connection to equipment or vessel and point where pipe exits room.
 - c. At not over 20 feet intervals along all exposed piping.
 - 2. Above Suspended Ceilings:
 - a. Within 18 inches of each valve or valve assembly.
 - b. At tees, identify both main and branch within 36 inches of tee.
 - c. Within 36 inches of each 90° elbow.
 - d. At not over 15 feet intervals along all concealed piping.
 - 3. Piping Exposed in Rooms Other Than Mechanical Equipment Areas:
 - a. Omit identification on piping, 1 inch exterior diameter or smaller(insulated or uninsulated) or exposed at connections to equipment or plumbing fixtures.
 - b. With the above exception, identify at not less than one point each piping run visible in each room, with identification on not over 20 feet intervals.

END OF SECTION