

## SECTION 231900 – MECHANICAL IDENTIFICATION

### PART 1 - GENERAL

#### 1.1 SECTION INCLUDES

- A. Nameplates
- B. Tags
- C. Pipe Markers

#### 1.2 REFERENCES

- A. ASME A13.1 - Scheme for the Identification of Piping Systems.

#### 1.3 SUBMITTALS

- A. Submit under provisions of Section 23000.
- B. Submit list of wording, symbols, letter size, and color coding for mechanical identification.
- C. Product Data: Provide manufacturers catalog literature for each product required.

### PART 2 - PRODUCTS

#### 2.1 NAMEPLATES

- A. Description: Laminated three-layer plastic with engraved white letters on black background color.

#### 2.2 TAGS

- A. Metal Tags: Brass with stamped letters; tag size minimum 1-1/2 inch diameter with smooth edges.
- B. Chart: Typewritten letter size list in anodized aluminum frame.

#### 2.3 PIPE MARKERS

- A. Color: Conform to ASME A13.1.

- B. Plastic Tape Pipe Markers: Flexible, vinyl film tape with pressure sensitive adhesive backing and printed markings.

### PART 3 - EXECUTION

#### 3.1 PREPARATION

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

#### 3.2 INSTALLATION

- A. Install plastic nameplates with corrosive-resistant mechanical fasteners, or adhesive.
- B. Install tags with corrosion resistant chain.
- C. Install plastic tape pipe markers complete around pipe in accordance with manufacturer's instructions.
- D. Identify air handlers, condensing units, heat pumps, tanks, and water treatment devices with plastic nameplates.
- E. Include the Apartment Number served on the identification nameplate of each condensing unit or heat pump.
- F. Small devices, such as in-line pumps, may be identified with tags.
- D. Identify control panels and major control components outside panels with plastic nameplates.
- E. Identify Clubhouse exposed piping, concealed or exposed, with plastic tape pipe markers. Identify service, flow direction, and pressure. Install in clear view and align with axis of piping. Locate identification not to exceed 20 feet on straight runs including risers and drops, adjacent to each valve and Tee, at each side of penetration of structure or enclosure, and at each obstruction.

END OF SECTION 231900