

SECTION 16195

ELECTRICAL IDENTIFICATION

1. PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Nameplates and Tape Labels.
- B. Wire and Cable Markers.
- C. Conduit Color Coding.

1.2 SUBMITTALS

- A. Include schedule for nameplates and tape labels.

2. PART 2 PRODUCTS

2.1 MATERIALS

- A. Nameplates: Engraved three-layer laminated plastic, white letters on a black background.
- B. Tape Labels: Embossed adhesive tape, with 3/16 inch white letters on black background.
- C. Wire and Cable Markers: Cloth markers, split sleeve or tubing type.

3. PART 3 EXECUTION

3.1 INSTALLATION

- A. Degrease and clean surfaces to receive nameplates and tape labels.
- B. Install nameplates and tape labels parallel to equipment lines.
- C. Secure nameplates to equipment fronts using screws, rivets, or adhesive. Secure nameplate to inside face of recessed panelboard doors in finished locations.
- D. Use embossed tape only for temporary identification.

3.2 WIRE IDENTIFICATION

- A. Provide wire markers on each conductor in panelboard gutters, pull boxes, outlet and junction boxes, and at load connection. Identify with branch circuit or feeder number for power and lighting circuits, and with control wire number as indicated on schematic and interconnection diagrams or equipment manufacturer's shop drawings for control wiring.

3.3 NAMEPLATE ENGRAVING SCHEDULE

- A. Provide nameplates to identify all electrical distribution and control equipment, and loads served. Letter Height: 1/8 inch for individual switches and loads served, 1/4 inch for distribution and control equipment identification.

- B. Provide nameplates of minimum letter height as scheduled below.
- C. Panelboards, Switchboards and Motor Control Centers: 1/4 inch; identify equipment designation, 1/8 inch; identify voltage rating and source.
- D. Individual Circuit Breakers, Switches, and Motor Starters in Panelboards, Switchboards, and Motor Control Centers; 1/8 inch; identify circuit and load served, including location.
- E. Individual Circuit Breakers, Enclosed Switches, and Motor Starters: 1/8 inch; identify primary and secondary voltages, primary source, and secondary load and location.

END OF SECTION