

SECTION 260553 - IDENTIFICATION FOR ELECTRICAL SYSTEMS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Nameplates and labels.
- B. Wire and cable markers.
- C. Conduit markers.
- D. Field-painted identification of conduit.

1.2 RELATED REQUIREMENTS

- A. Section 099000 - Painting and Coating.

1.3 REFERENCE STANDARDS

- A. ASTM D 709 - Standard Specification for Laminated Thermosetting Materials; 2001 (Reapproved 2007).
- B. NFPA 70 - National Electrical Code; National Fire Protection Association; 2008.

1.4 SUBMITTALS

- A. See Section 013000 - Administrative Requirements for submittals procedures.
- B. Product Data: Provide catalog data for nameplates, labels, and markers.

1.5 QUALITY ASSURANCE

- A. Conform to requirements of NFPA 70.

PART 2 PRODUCTS

2.1 IDENTIFICATION APPLICATIONS

- A. Buried Electrical Lines: Underground warning tapes.
- B. Communication Cabinets: Nameplates.
- C. Conduit: Conduit markers.
- D. Control Device Station: Labels.

- E. Electrical Distribution and Control Equipment Enclosures: Nameplates.
- F. Junction Box Load Connections: Wire markers.
- G. Outlet Box Load Connections: Wire markers.
- H. Panel Gutter Load Connections: Wire markers.
- I. Pull Box Load Connections: Wire markers.

## 2.2 NAMEPLATES AND LABELS

- A. Manufacturers:
  - 1. Kolbi Pipe Marker Co.: [www.kolbipipemarkers.com](http://www.kolbipipemarkers.com).
  - 2. Seton Identification Products: [www.seton.com](http://www.seton.com).
  - 3. Substitutions: See Section 016000 - Product Requirements.
- B. Nameplates: Engraved three-layer laminated plastic, black letters on white background.
- C. Letter Size:
  - 1. Use 1/4 inch (6 mm) letters for identifying individual equipment and loads.
  - 2. Use 1/4 inch (6 mm) letters for identifying grouped equipment and loads.
- D. Labels: Embossed adhesive tape, with 3/16 inch (5 mm) white letters on black background. Use only for identification of individual wall switches, receptacles and control device stations.

## 2.3 WIRE MARKERS

- A. Manufacturers:
  - 1. Brady Corporation: [www.bradycorp.com](http://www.bradycorp.com).
  - 2. Seton Identification Products: [www.seton.com](http://www.seton.com).
  - 3. HellermannTyton: [www.hellermanntyton.com](http://www.hellermanntyton.com).
  - 4. Substitutions: See Section 016000 - Product Requirements.
- B. Description: Vinyl cloth type self-adhesive wire markers.
- C. Color: Black on white.
- D. Legend:
  - 1. Power and Lighting Circuits: Branch circuit or feeder number indicated on drawings.
  - 2. Control Circuits: Control wire number indicated on schematic and interconnection

diagrams on drawings.

## 2.4 CONDUIT MARKERS

### A. Manufacturers:

1. Brady Corporation: [www.bradycorp.com](http://www.bradycorp.com).
2. Seton Identification Products: [www.seton.com](http://www.seton.com).
3. HellermannTyton: [www.hellermanntyton.com](http://www.hellermanntyton.com).
4. Substitutions: See Section 016000 - Product Requirements.

B. Description: Cloth type conduit markers.

C. Location: Furnish markers for each conduit longer than 6 feet (2 m).

D. Spacing: 20 feet (6 m) on center.

### E. Color:

1. 208 Volt System: \_\_\_\_\_.

## 2.5 UNDERGROUND WARNING TAPE

### A. Manufacturers:

1. Brady Corporation: [www.bradycorp.com](http://www.bradycorp.com).
2. Seton Identification Products: [www.seton.com](http://www.seton.com).
3. HellermannTyton: [www.hellermanntyton.com](http://www.hellermanntyton.com).
4. Substitutions: See Section 016000 - Product Requirements.

## PART 3 EXECUTION

### 3.1 PREPARATION

A. Degrease and clean surfaces to receive nameplates and labels.

### 3.2 INSTALLATION

END OF SECTION