

SECTION 260553 - IDENTIFICATION FOR ELECTRICAL SYSTEMS

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

- A. This sections is a Division 26 Basic Electrical Materials and Methods section and is part of each Division 26 section making reference to electrical connections for equipment specified herein.

1.02 SCOPE OF WORK

- A. All electrical equipment shall be identified as herein specified and indicated by the drawings. Equipment to be identified shall include, but not be limited to, the following:
 - 1. Switchboards and switchgear.
 - 2. Automatic transfer switches.
 - 3. Panelboards, load centers and cabinets.
 - 4. Feeder conduits.
 - 5. Electrical power and branch circuit conductors.
 - 6. Outlet, junction, splice or pull boxes.
 - 7. Buried conductors and raceways.
 - 8. Transformers, disconnect switches, starters, contactors and other electrical equipment.
 - 9. Enclosed circuit breakers, etc.
- B. All warning signs required by NFPA 70 and other applicable codes shall be provided.

PART 2 - PRODUCTS

2.01 ELECTRICAL IDENTIFICATION MATERIALS

- A. Nameplates generally shall be custom two-tone laminated plastic with beveled edges. Nameplates, unless otherwise indicated, shall be white letters on black background.
- B. Conduit markers shall be standard pre-printed flexible plastic sheet material or self-adhering vinyl labels.
- C. Wire markers shall be laminated plastic nameplates, self-adhering vinyl labels or tape.

PART 3 - EXECUTION

3.01 ELECTRICAL ENCLOSURES

- A. Panelboards, motor starters and similar electrical enclosures shall be identified by nameplates showing the equipment identification number, voltage and feeder or branch circuit numbers (e.g. PANEL LP-1 - 208/120 VOLTS - FDR 1-5).

3.02 CONDUITS

- A. Conduits shall be identified in each room and 50 foot on centers in open areas by voltage and feeder number (e.g. FDR 1-5 - 208/120 VOLTS).

3.03 FEEDER AND BRANCH CIRCUIT CONDUCTORS

- A. Feeder conductors in each pull box and identified with a paper tag as to number, voltage and cable size (e.g. FDR 1-5 - 208/120 VOLTS - 4 No. 250 MCM).
- B. Branch circuits shall be identified with a paper tag in each junction and outlet box by panel and circuit number (e.g. PNL. LP-5 - CIRC. 3).

3.04 OUTLET BOXES

- A. Outlet box covers shall be identified by magic marker as to panel and circuit numbers contained within (e.g. PNL. L1 - CIRC. 1, 5).
- B. Label all receptacle wallplates by Brother 'P-Touch' laminated adhesive labels, or Kroy equivalent as to panel and circuit numbers serving the receptacles.

3.05 SHOP DRAWINGS

- A. Submit shop drawings showing the list of proposed nameplates including a sample nameplate drawn to scale indicating character sizes and over-all dimensions.

END OF SECTION 260553