SECTION 26 05 53
ELECTRICAL IDENTIFICATION

PART 1 -GENERAL

1.01 WORK INCLUDED

A. Nameplates and tape labels.

B. Wire and cable markers.

1.02 SUBMITTALS

A. Section 013300 Submittal

B. Product Data:

1. Submit manufacturer's catalogue literature for each product.

2. Submit electrical identification schedule including list of working, symbols, name plates and tape labels.

PART 2 PRODUCTS

2.01 MATERIALS

A. Nameplates: Engraved two-layer laminated plastic, black letters on a white background.

B. Tape Labels: Metal label with type written letters.

C. Wire and Cable Markers: Self-adhesive numbered tape or plastic ring.

2.02 WIRE IDENTIFICATION

A. Provide each cable at both ends with rigid non-hygroscopic plastic covered plate fixed with rigid plastic band indicating system and cable number.

B. Provide conductors of control cables with numbered plastic ring.

2.03 EQUIPMENT IDENTIFICATION

A. Provide two-layer plastic labels fixed with rivets or screws.

B. Indicate code of the switchgear, distribution board, control panel, etc.

C. Indicate main switch or circuit-breaker positions (ON-OFF).

D. Indicate purpose and positions of every control equipment (switch etc.,)

E. Indicate signal lamp purpose.

F. Provide all equipment inside the switchgear etc., with self-adhesive textile label with type written code of
the equipment.

G. Provide all internal wiring with self-adhesive number tape indicating wire destination.

H. Provide all junction or terminal block boxes of cables with code plate indicating the system and the box code.

I. Provide different colour code for piping of different services.

PART 3 EXECUTION

3.01 INSTALLATION

A. Decrease and clean surfaces to receive nameplate and tape labels.

B. Install nameplates and tape labels parallel to equipment lines.

C. Secure nameplates to equipment fronts using screws, rivets or adhesive as per the engineer's approval. Secure nameplate to inside face of recessed panel board doors in finished locations.

3.02 WIRE IDENTIFICATION:-

A. Provide wire markers on each conductor in panel board 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 approved schematic and interconnection diagrams, equipment manufacturer's shop drawings.

3.03 NAME PLATE ENGRAVING

A. Provide nameplates to identify all electrical distribution and control equipment and loads served. Letter Height (3mm) for individual switches and loads served, (6mm) for distribution and control equipment identification.

B. Provide nameplates for the following:-

1. Panel boards, motor control centers, identify equipment designation, identify voltage rating and source.

2. Individual circuit breakers, switches, and motor starters, identify circuit and load served including location.

3. Individual circuit breakers, Enclosed switches, and motor starters, identify load served.

END OF SECTION