

PART 1 - GENERAL

1.1 SUBMITTALS

- A. Submit shop drawings for review including the following:
 - 1. Label material
 - 2. Conduit paint

PART 2 - PRODUCTS

2.1 EQUIPMENT LABELS

- A. Labels shall be black with white engraved letters for equipment on normal power. Label for equipment on emergency power shall be red with white engraved letters. Label shall be minimum 3" wide and 1" tall with 1/2" letters.
- B. Labels shall be manufactured of "micarta" or equal material.

2.2 CONDUIT IDENTIFICATION

- A. All conduit identification paint or tape shall be non-toxic, permanent and colored per the attached schedule:
 - 1. Emergency power conduit: green
 - 2. Security conduit: blue
 - 3. Fire alarm conduit red
 - 4. Tele/data conduit yellow
 - 5. BMS conduit orange

PART 3 - EXECUTION

3.1 EQUIPMENT LABELS

- A. All equipment shall be labeled per the attached format:

Building number - equipment identifier - floor number - equipment letter

- 1. Equipment identifiers shall be as follows:

MS	main switchboard
L	lighting panel board
P	power panel board
EL	emergency lighting panel board
EP	emergency power panel board
LSL	life-safety lighting panel board
LSP	life-safety power panel board
FA	fire alarm panel
BMS	building management system panel
SE	security panel
DP	distribution panel board

DB	distribution switchboard
ATS	automatic transfer switch
T	transformer
UPS	UPS system
U	UPS panel board
GEN	emergency generator
PDU	power distribution unit
USS	unit substation

Example: Building 17 emergency lighting panel boards #2 located on the 3rd floor shall be labeled: 17EL3B

- B. Labels shall be permanently attached to equipment via screws or rivets.
- C. Install all labels plumb and square to the equipment frame at the top edge of the front face of the equipment.
- D. Label all disconnects and starters.
- E. Label cover-plates of receptacles to indicate circuit number and panel name. Label shall be black with white letter for normal power and red with white letter on emergency power. Letter shall be 3/16" high.
- F. Label all cables entering and exiting duct bank vaults. Information shall include origination, destination, voltage, and circuit number.

3.2 CONDUIT PAINT

- A. All conduits shall be painted according to the color schedule.
- B. Provide minimum (1) 6" wide painted conduit section every 10' of lineal conduit run.

END OF SECTION