

GENERAL:

The scope of this document is to provide requirements for Identification For Electrical Systems.

DESIGN GUIDELINES:

1. Electrical equipment shall be identified with permanent engraved nameplates.
2. All switchboards, panelboards, motor control centers, motor starters, and equipment local disconnects shall be identified with an engraved nameplate.
3. All overcurrent protective devices installed in electrical service entrance panels, switchboards, and power panel shall have individual engraved nameplate indicating the load they feed. Lighting panels shall also have an engraved nameplate indicating which panel it is served from.
4. Lighting panels shall have index cards neatly typed with “as built” branch circuit information. The index card holder should be metal construction permanently attached to the panel door.
5. Nameplates
 - 5.1. Nameplates shall be engraved three-layer laminated plastic. Nameplates used for identification shall be white background with black lettering. Nameplates used for warnings shall be red background with white lettering.
 - 5.2. Lettering should be ¼ inch high for identifying grouped equipment and loads. Lettering should be 1/8 inch high for identifying individual equipment and loads.
6. Fire Alarm Raceways
 - 6.1. All exposed conduit used for fire alarm systems shall be colored red.
 - 6.2. All covers for wiring boxes used for fire alarm systems shall be colored red and labeled “Fire Alarm” using a nameplate as described above.
7. Color code secondary service, feeder, and branch circuit conductors with factory applied heat shrink (no cold applied) color as follows:

208/120 Volts	Phase	480/277 Volts
Black	A	Brown
Red	B	Orange
Blue	C	Yellow
White	Neutral	White or Gray
Green	Ground	Green