

Identification Devices: A single type of identification product for each application category. Use colors prescribed by these guidelines.

- Name plates and labels
- Wire and cable markers
- Conduit markers
- Panel & race way identification
- Pull and junction box identification
- Receptacle identification
- Fire Alarm identification
- End of line resistances
- Communication cabinets identification
- Manhole and handhole markers
- Underground warning tapes
- Labelling nomenclature

Electrical Rooms are to have a framed Single Line Drawing of the Electrical Distribution System, which is to be updated with any addition or deletion of part of the system.

ARC Flash

Electrical Arc Flash hazard levels to be designed for minimum hazard risk. Preliminary Electrical Arc Flash hazard level study will indicate possible hazard. The equipment selection will be done to minimize the Hazard prior to equipment purchase. The final arc flash study will verify the Levels. At the completion of work, all equipment in the space at the site shall be labeled and floors permanently marked showing boundaries for all hazard levels above level 0.

Labels are to be located in a conspicuous location on the front doors of equipment, or if no door is provided, clearly visible on the panel. Refer to the Static Signage Catalogue "W" Warning Signs for label details.

Wire Markers

Locations: Each conductor in a panel board, pull boxes, outlet and junction boxes, patch panel, rack and each connection.

Wire Identification Materials. Use one of the following:

- Heat shrink sleeves, blank

- Clear plastic tape wrap on strips with white writing section
- Wrap on strips, pre numbered
- Slip on identification bead markers or sleeves, blank or pre numbered
- Power and Lighting Circuits: Branch circuit/feeder number indicated on drawings
- Control Circuits: Control wire number indicated on schematic and interconnection diagrams on drawings and shop drawings

Nameplate Identification of Equipment

What are the things that require nameplate/label/ID?

- List table
- Equipment
- Sand board
- Comms. cable and equipment
- Wiring
- Conduits/boxes/splitters
- Voltage equipment
- Fuel and tax
- Receptacles/five alarm/duct
- Wpg vanity tapes
- Man/hand hole marker
- Panels

Nomenclature Appendix

Identify equipment with lamicoid nameplates as indicated in Equipment Identification Schedule.

- Engraved three layer laminated plastic, black letters on white background
- Lamicoid Nameplates:
 - 3 mm thick plastic engraving sheet
 - Black face
 - White core
 - Mechanically attached
 - Sizes as per the following table: