

PART 1 General

1.1 GENERAL

- .1 Provide identification for all control items.

1.2 REFERENCES

- .1 Canadian Standards Association (CSA)
 - .1 CSA C22.1-06 (or 2009 if permit issued after July 1st, 2009), The Canadian Electrical Code, Part I.

1.3 SUBMITTALS

- .1 Submit for approval samples of nameplates, identification tags and list of proposed wording.

PART 2 Products

2.1 LANGUAGE

- .1 Provide nameplates and identification tapes and tags in English.

2.2 NAMEPLATES FOR FIELD DEVICES

- .1 Identify by plastic encased cards attached by chain.
- .2 Sizes: 50 x 100 mm minimum.
- .3 Lettering: 5 mm minimum high produced from laser printer in black.
- .4 Data to include: point name, schematic designation number, model, capillary length, size, range, set point, other pertinent data, function, fail-safe position.
- .5 Companion cabinet: identify interior components using plastic enclosed cards.

2.3 NAMEPLATES FOR ROOM SENSORS

- .1 Interior: identify by stick-on labels.
- .2 Exterior: identify point name on face of cover using engraved plastic laminate nameplates.
- .3 Sizes: to suit.
- .4 Lettering: to suit. Clearly legible.

2.4 WARNING SIGNS

- .1 Equipment (e.g. motors, starters) under remote automatic control: provide orange coloured signs warning of automatic starting under control of EMCS.
- .2 Sign to read: "Caution: This equipment is under automatic remote control of EMCS" or equivalent to Departmental Representative's approval.

2.5 NAMEPLATES FOR WIRING

- .1 Provide numbered tape markings on wiring at panels, junction boxes, splitters, cabinets, outlet boxes.
- .2 Colour coding: to CSA C22.1. Use colour coded wiring in communications cables, matched throughout system.
- .3 Power wiring: identify at each panel.

2.6 NAMEPLATES FOR CONDUIT

- .1 Colour code all EMCS conduit.
- .2 Locate coding on conduits, in exposed and concealed locations including removable suspended ceilings, tunnels, shafts, on both sides of walls, floors, and at 15 m intervals.
- .3 Coding: use plastic tape or paint, 25 mm wide, fluorescent orange. Confirm colour with Departmental Representative during "Preliminary Design Review".

PART 3 Execution

3.1 NAMEPLATES AND LABELS

- .1 Ensure that manufacturer's nameplates, CSA labels and identification nameplates are visible and legible at all times.

3.2 EXISTING PANELS

- .1 Correct existing legends to reflect changes made during work.

END OF SECTION