

**PART 1 - GENERAL****1.1 RELATED SECTIONS**

- .1 Section 26 05 00 - Common Work Results - Electrical.

**1.2 REFERENCES**

- .1 Canadian Standards Association (CSA International).
  - .1 CAN/CSA-C22.2 No.18, Outlet Boxes, Conduit Boxes, Fittings and Associated Hardware.
  - .2 CSA C22.2 No.65, Wire Connectors.
    - .1 CSA C22.2 No. 41, Equipment Grounding and Bonding.
- .2 Manufacturers Association of Electrical and Electronic Equipment of Canada (EEMAC).
  - .1 EEMAC 1Y 2, Connectors and Terminals Crossing Aluminum Adapters (rated 1,200 A).
- .3 National Electrical Manufacturers Association (NEMA).

**PART 2 - PRODUCTS****2.1 MATERIALS**

- .1 Pressure type wire connectors to: CSA C22.2 No. 65, with current carrying parts of copper sized to fit copper conductors according to the requirements of this project.
- .2 Fixture type splicing connectors complying with CSA C22.2 No. 65, with current carrying parts of copper sized to fit copper conductors 10 AWG or less.
- .3 Clamps or connectors for armoured cable.flexible conduit, as required, in accordance with CAN/CSA C22.2 No. 18 Standard.

**PART 3 - EXECUTION****3.1 INSTALLATION**

- .1 Remove insulation carefully from ends of conductors and:
  - .1 Install mechanical pressure type connectors and tighten screws with appropriate compression tool recommended by manufacturer. Installation shall meet secureness tests in accordance with CSA C22.2 No. 65 Standard.
  - .2 Install fixture type connectors and tighten. Replace insulating cap.
  - .3 Install bushing stud connectors in accordance with EEMAC 1Y 2.
  - .4 If needed, make the grounding and bonding in accordance with CSA C22.2 No. 41 Standard.

**END OF SECTION**