

Part 1 General

1.1 REFERENCES

- .1 CSA C22.2 No.0.3-2010, Test Methods for Electrical Wires and Cables.

1.2 PRODUCT DATA

- .1 Submit product data in accordance with Section 01 33 00 – Submittal Procedures.

Part 2 Products

2.1 BUILDING WIRES

- .1 Conductors: stranded for 10 AWG and larger. Minimum size AWG.
- .2 Copper conductors: size as indicated, with 1000 V (as applicable) insulation of chemically cross-linked thermosetting polyethylene material rated RW90.
- .3 Aluminum conductors are not acceptable.

2.2 ARMOURED CABLES

- .1 Conductors: insulated, copper, size as indicated.
- .2 Type: AC90.

2.3 NON-METALLIC SHEATHED CABLE

- .1 Non-metallic sheathed cable not to be utilized.

Part 3 Execution

3.1 INSTALLATION OF BUILDING WIRES

- .1 Install wiring as follows:
 - .1 In conduit systems in accordance with Section 26 05 34.

3.2 INSTALLATION OF ARMOURED CABLES

- .1 AC90 is permitted for final connection between under floor junction and floor mounted boxes for power outlets. Group cables wherever possible on channels.

3.3 INSTALLATION OF NON-METALLIC SHEATHED CABLE

- .1 Non-metallic sheathed cable not to be utilized.

END OF SECTION