

Part 1 General

1.1 REFERENCES

- .1 CSA C22.2 No .0.3 latest edition, 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: 12 AWG.
- .2 Copper conductors: size as indicated, with 600/1000 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.
- .3 Armour: interlocking type fabricated from galvanized steel strip.
- .4 Refer to section 3.2.1 for execution instructions.

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 box and floor mounted boxes for power outlets and lights. Group cables wherever possible on channels.
- .2 BX cable is used between zone boxes and floor boxes as existing condition.

3.3 INSTALLATION OF NON-METALLIC SHEATHED CABLE

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

END OF SECTION