

**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**