

PART 1 - GENERAL

1.1 SUBMITTALS

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

1.2 RELATED SECTIONS

- .1 Conduits, Conduit Fastenings and Conduit Fittings: Section 26 05 34
- .2 Wire and Box Connectors (0 - 1000V): Section 26 05 20

1.3 REFERENCES

- .1 CSA C22.1-15, Canadian Electrical Code.

PART 2 - PRODUCTS

2.1 BUILDING WIRES

- .1 Conductors: stranded, copper. Minimum size #12 AWG.
- .2 Copper conductors: size as indicated, with 600 V insulation of chemically cross-linked thermosetting polyethylene material rated RW90.
- .3 Copper conductors: size as indicated, with 1000V insulation of chemically cross-linked thermosetting polyethylene material rated RWU90.
- .4 Colour code wiring in accordance with the Canadian electrical Code.
- .5 SOW type flexible copper conductor may be utilized for drops from a junction box to a suspended luminaire in process areas.
- .6 AC90 may be used for drops from a junction box to a lighting fixture in areas with drop T-bar ceiling.

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 - Conduits, Conduit Fastenings and Conduit Fittings.

3.2 INSTALLATION OF CABLES: GENERAL

- .1 Support cables independently of supports used for equipment of other trades; do not support from or secure cables to ductwork, piping.
- .2 Install cables in a neat and professional manner, so as to conserve headroom.
- .3 Install cables parallel and perpendicular to building lines.

END OF SECTION