

PART 1 - GENERAL

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| <u>1.1 REFERENCES</u> | .1 | Canadian Standards Association (CSA International)
.1 CAN/CSA C22.2 No. 18, Outlet Boxes, Conduit Boxes, Fittings and Associated Hardware, A National Standard of Canada.
.2 CSA C22.2 No. 45, Rigid Metal Conduit.
.3 CSA C22.2 No. 56, Flexible Metal Conduit and Liquid-Tight Flexible Metal Conduit.
.4 CSA C22.2 No. 83, Electrical Metallic Tubing.
.5 CSA C22.2 No. 211.2, Rigid PVC (Unplasticized) Conduit.
.6 CAN/CSA C22.2 No. 227.3, Nonmetallic Mechanical Protection Tubing (NMPT), A National Standard of Canada (February 2006). |
| <u>1.2 SUBMITTALS</u> | .1 | Provide submittals in accordance with Section 01 33 00 - Submittal Procedures. |
| | .2 | Product data: submit manufacturer's printed product literature, specifications and datasheets.
.1 Submit cable manufacturing data. |
| | .3 | Quality assurance submittals:
.1 Test reports: submit certified test reports.
.2 Certificates: submit certificates signed by manufacturer certifying that materials comply with specified performance characteristics and physical properties.
.3 Instructions: submit manufacturer's installation instructions. |
| <u>1.3 WASTE MANAGEMENT AND DISPOSAL</u> | .1 | Separate waste materials for reuse and recycling. |
| | .2 | Place materials defined as hazardous or toxic waste in designated containers. |
| | .3 | Ensure emptied containers are sealed and stored safely for disposal away from children. |

PART 2 - PRODUCTS

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| <u>2.1 CONDUITS</u> | .1 | Electrical metallic tubing (EMT): to CSA C22.2 No. 83, with couplings. |
| <u>2.2 CONDUIT FASTENINGS</u> | .1 | One hole steel straps to secure surface conduits 50 mm and smaller. |
| <u>2.3 CONDUIT FITTINGS</u> | .1 | Fittings: to CAN/CSA C22.2 No. 18, manufactured for use with conduit specified. Coating: same as conduit. |
| | .2 | Ensure factory "ells" where 90 degrees bends for 25 mm and larger conduits. |
| | .3 | Watertight connectors and couplings for EMT.
.1 Set-screws are not acceptable. |
| <u>2.4 FISH CORD</u> | .1 | Polypropylene. |

PART 3 - EXECUTION

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| <u>3.1 MANUFACTURER'S INSTRUCTIONS</u> | .1 | Compliance: comply with manufacturer's written recommendations or specifications, including product technical bulletins, handling, storage and installation instructions, and datasheets. |
| <u>3.2 INSTALLATION</u> | .1 | Install conduits to conserve headroom in exposed locations and cause minimum interference in spaces through which they pass. |
| | .2 | Conceal conduits. |
| | .3 | Use electrical metallic tubing (EMT). |
| <u>3.3 CONCEALED CONDUITS</u> | .1 | Run parallel or perpendicular to building lines. |
| | .2 | Do not install horizontal runs in masonry walls. |
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