

1. GENERAL

1.1 Reference Standards

- .1 CSA Group (CSA)
 - .1 CAN/CSA-C83-96(R2016) , Communication and Power Line Hardware.
- .2 Health Canada/Workplace Hazardous Materials Information System (WHMIS)
 - .1 Material Safety Data Sheets (MSDS).

1.2 Action and Informational Submittals

- .1 Provide submittals in accordance with Section 01 33 00- Submittal Procedures .
- .2 Product Data:
 - .1 Submit manufacturer's printed product literature, specifications and datasheet and include product characteristics, performance criteria, physical size, finish and limitations.
 - .2 Submit [two] copies WHMIS MSDS - Material Safety Data Sheets in accordance with Section 02 81 01- Hazardous Materials.
- .3 Quality assurance submittals: submit following in accordance with Section 01 45 00- Quality Control .
 - .1 Certificates: submit certificates signed by manufacturer certifying that materials comply with specified performance characteristics and physical properties.
 - .2 Manufacturer's Instructions: submit manufacturer's installation instructions and special handling criteria and installation sequence.

1.3 Quality Assurance

- .1 Regulatory Requirements:
 - .1 Ensure Work is performed in compliance with applicable Provincial/Territorial regulations.
 - .2 Co-ordinate and meet requirements of power supply authority.
 - .1 Ensure availability of power when required.

1.4 Delivery, Storage and Handling

- .1 Packing, shipping, handling and unloading:
 - .1 Deliver, store and handle materials in accordance with Section [01 61 00- Common Product Requirements] .
 - .2 Deliver, store and handle materials in accordance with manufacturer's written instructions.
- .2 Storage and Protection:
 - .1 Store materials indoors in dry location and in accordance with manufacturer's recommendations in clean, dry, well-ventilated area.
 - .2 Replace defective or damaged materials with new.

2. PRODUCTS**2.1 MATERIAL**

- .1 Service mast: rigid, galvanized steel, suitable for attachment of support clamps, insulator rack, weatherhead, service drop fittings.
- .2 Service mast support devices.
- .3 Insulator rack: to CAN/CSA-C83, heavy duty.
- .4 Service tap support: to approval of supply authority.
- .5 Weatherhead: to approval of supply authority.
- .6 Rigid steel galvanized conduit, fittings: in accordance with Section 26 05 34- Conduits, Conduit Fastenings and Conduit Fittings.
- .7 Service drop conductors and supporting cable: in accordance with Section 26 05 21- Wires and Cables 0-1000 V, copper, type RWU90.
- .8 Metre socket, current transformer and cabinet: to approval of Qulliq Energy Corporation.

3. EXECUTION**3.1 Manufacturer's Instructions**

- .1 Compliance: comply with manufacturer's written recommendations or specifications, including product technical bulletins, handling, storage and installation instructions, and datasheets.

3.2 Installation

- .1 Install service mast, insulator rack, service tap support, weatherhead.
- .2 Install metre socket and conduit.
- .3 Install service drop conductors allowing sufficient conductor length for connection to service equipment.
- .4 Allow sufficient conductor length for connection to supply by power supply authority.
- .5 Allow sufficient conductor length for drip loops.
- .6 Make grounding connections in accordance with Section 26 05 28- Grounding - Secondary.

3.3 FIELD QUALITY CONTROL

- .1 Site Tests:
 - .1 Perform tests in accordance with Section 26 05 00- Common Work Results for Electrical.
 - .2 Perform additional tests if required by authority having jurisdiction.

3.4 CLEANING

- .1 Proceed in accordance with Section 01 74 11- Cleaning.
- .2 On completion and verification of performance of installation, remove surplus materials, excess materials, rubbish, tools and equipment.

End of Section