

Part 1 General

1.1 RELATED REQUIREMENTS

- .1 Section 26 05 00 – Common Work Results – Electrical.
- .2 Section 26 05 14 – Power Cable and Overhead Conductor (1,001 V)

1.2 REFERENCES

- .1 Canadian Standards Association (CSA International)
 - .1 CSA C22.2 No.41- Grounding and Bonding Equipment.
- .2 Institute of Electrical and Electronics Engineers (IEEE)
 - .1 IEEE 404 – Standard for Cable Joints for Use with Extruded Dielectric Shielded Cables Rated 5,000 -138,000 V and Cable Joints for Use with Laminated Dielectric Cable Rated 2500 - 500,000V

1.3 PRODUCT DATA

- .1 Submit product data in accordance with Section 01 33 00 - Submittal Procedures.

1.4 CERTIFICATES

- .1 Obtain inspection certificate of compliance covering high voltage stress coning from inspection authority and include it with maintenance manuals.

1.5 WASTE MANAGEMENT AND DISPOSAL

- .1 Separate and recycle waste materials.

Part 2 Products

2.1 SPLICE KITS, CONNECTORS AND TERMINATIONS

- .1 15 kV cold shrink splicing kit for wet location suitable for splicing PILC to PILC shielded armoured copper cables, sized 500 kcmil.
- .2 15 kV cold shrink splicing kit for wet location suitable for splicing PILC to XLPE shielded armoured copper cables, sized 500 kcmil.
- .3 Oil stop copper inline connectors for use with splicing copper conductor cables
- .4 15 kV cold shrink silicone rubber termination kit for outdoor application suitable for terminating shielded armoured XLPE insulated copper conductors, size 500 kcmil.

Part 3 Execution

3.1 INSTALLATION

- .1 Install stress cones, connectors, terminations, and splice kits in accordance with manufacturer's instructions in accordance with IEEE 404.
- .2 Bond and ground as required to CSA C22.2No.41.

END OF SECTION