
Decommissioning, Demolition and Site Restoration SSB HQ
Southside Road, St. John's, NL
Project No. R.111146.001

2021/12/01

Section 26 05 21 – Wire and Cables (0-1000V)

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PART 1 **GENERAL**

1.1 **RELATED SECTIONS**

- .1 Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.
- .2 Section 26 05 20 - Wire and Box Connectors - 0 - 1000 V.
- .3 Refer to drawings for wiring type required under different applications.

1.2 **REFERENCES**

- .1 Canadian Standards Association (CSA)
 - .1 CSA C22.2 No .0.3, Test Methods for Electrical Wires and Cables.
 - .2 CAN/CSA-C22.2 No. 131, Type TECK 90 Cable.

1.3 **PRODUCT DATA**

- .1 Submit Product Data in accordance with Division 01.

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 V insulation of chemically cross-linked thermosetting polyethylene material rated RW90 XLPE and RWU90 XLPE as indicated.
- .3 All wiring shall be installed in conduit as indicated.

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, Fastenings and Fittings.
 - .2 Terminate cables in accordance with Section 26 05 20 – Wire and Box Connectors 0 – 1000 V.

END OF SECTION