

PART 1 - GENERAL

- 1.1 References
- .1 Canadian Standards Association (CSA)
 - .1 CAN/CSA C22.2 No. 18-98, Outlet Boxes, Conduit Boxes, and Fittings and Associated Hardware.
 - .2 CSA C22.2 No. 83-M1985(R1999), Electrical Metallic Tubing.

PART 2 - PRODUCTS

- 2.1 Conduits
- .1 Rigid pvc conduit: to CSA C22.2 No. 211.2.
 - .2 Electrical metallic tubing (EMT): to CSA C22.2 no83, with couplings.
- 2.2 Conduit Fastenings
- .1 PVC coated one hole steel pipe straps for surface conduits less than 50 mm and smaller. Two hole PVC coated steel pipe straps for conduits larger than 50 mm.
 - .2 Male and female threaded PVC adapters.
- 2.3 Conduit Fittings
- .1 Factory "ells" where 90° bends are required for 25 mm and larger conduits.
 - .2 Steel set screw connectors and couplings for EMT.
- 2.4 Expansion Fittings for Rigid Conduit
- .1 Weatherproof expansion fittings with internal bonding assembly suitable for 200 mm linear expansion.
 - .2 Watertight expansion fittings with integral bonding jumper suitable for linear expansion and 19 mm deflection in all directions.
 - .3 Weatherproof expansion fittings for linear expansion at entry to panel.

PWGSC
Newman Sound
Campground,
Electrical Upgrade
Parks Canada, NL
Proj No R.066138.001

Conduits, Conduit
Fastenings and Conduit
Fittings

Section 26 05 34
Page 2
November 2014

2.5 Fish Cord .1 Polypropylene.

PART 3 - EXECUTION

- 3.1 Conduit Installation .1 Sufficient number of fittings shall be used to permit easy pulling of wires. Conduits shall be continuous. To ensure the conduit is clean and dry before conductors are pulled in, the conduit shall be swabbed out by using a
- .2 Install service masts and weatherheads to local utility standards.
- .3 Touch up all marked surfaces using manufacturer's recommended materials and methods.
- 3.2 Fastenings and Supporting Devices .1 Secure all equipment in a manner, so as to not distort or cause undue stress on any components.