
PART 1 - GENERAL

- 1.1 Product Data .1 Submit product data in accordance with Section 01 33 00 -Shop Drawings and Other Submittal procedures.

PART 2 - PRODUCTS

- 2.1 Transformers .1 Design 1
- .1 Type: ANN, Delta-wye connected.
 - .1 Three phase, 50 KVA, 600V input, 60 Hz; 120/208 V output.
 - .2 Voltage taps: standard.
 - .3 Insulation: Class, 185, 115°C temperature rise.
 - .4 Basic Impulse Level (BIL): standard
 - .5 Hipot: standard
 - .6 Average sound level: 40 db
 - .7 Impedance at 170°C: standard
 - .8 Enclosure: EEMAC 1, removable metal front panel.
 - .9 Mounting: floor
 - .10 Finish: in accordance with Section 260501 Common Works Results - Electrical
- .2 Design 2
- .1 Type: ANN, Delta-wye connected.
 - .2 Three phase, 75 KVA, 600V input, 60 Hz; 120/208 V output.
 - .3 Voltage taps: standard.
 - .4 Insulation: Class, 185, 115°C temperature rise.
 - .5 Basic Impulse Level (BIL): standard
 - .6 Hipot: standard
 - .7 Average sound level: 40 db
 - .8 Impedance at 170°C: standard
 - .9 Enclosure: EEMAC 1, removable metal front panel.
 - .10 Mounting: floor
 - .11 Finish: in accordance with Section 260501 Common Works Results - Electrical
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PWGSC
Newman Sound
Campground,
Electrical Upgrade
Parks Canada, NL
Proj No R.066138.001

Dry Type Transformers
Up to 600 V., Primary

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- 2.2 Equipment Identification
- .1 Provide equipment identification in accordance with Section 26 05 01 - Common Works Results - Electrical.
 - .2 Label size: 7.

PART 3 - EXECUTION

- 3.1 Installation
- .1 Ensure adequate clearance around transformer for ventilation.
 - .2 The floor under the transformer and the wall immediately behind the transformer are to consist of fire rated material acceptable to the local inspection authority.
 - .3 Install transformers in level upright position.
 - .4 Remove shipping supports only after transformer is installed and just before putting into service.
 - .5 Loosen isolation pad bolts until no compression is visible.
 - .6 Make primary and secondary connections in accordance with wiring diagram.
 - .7 Energize transformers after installation is complete.