

Part 1 General

1.1 REFERENCE

- .1 Sectionalizer shall meet all applicable CSA Codes and Standards.

1.2 MAINTENANCE

- .1 Provide maintenance manuals with shop drawings and equipment.

Part 2 Products

2.1 EQUIPMENT

- .1 The pad mount sectionalizer shall be free standing, self-supporting enclosure constructed with 11 gauge steel sheet.
- .2 All structural joints are to be welded with no external bolted side sheets or rear sheets to invite removal.
- .3 Access to medium voltage will be by a latch mechanism which latches automatically when door is closed and can only be unlatched with socket wrench or tool. The locking mechanism shall be provided with a padlock. A protective hood shield shall be provided to discourage tampering.
- .4 8.3/4.16 kv rated, 3 phase, 600 amp.
- .5 Dual feed with 2 separate load switches or 1 fused separate load switch. Refer to drawing E-1-1 site single line diagram.

Part 3 Execution

3.1 MANUFACTURE

- .1 Comply with manufacturer's written recommendations or specifications for installation instructions and data sheets.

3.2 INSPECTION

- .1 Check factory made connections for mechanical security and electrical continuity.

3.2 INSTALLATION

- .1 Ensure concrete pad is fully cured before installing sectionalizer.
- .2 Set and secure sectionalizer in place, rigid, plumb and square.
- .3 Make terminations.
- .4 Connect grounds.

3.2 FIELD QUALITY CONTROL

- .1 Carry out tests as instructed by manufacturer.
- .2 Inspect connections.
- .3 Check for grounding.

END OF SECTION