

**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**