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**PART 1        GENERAL**

**1.1            REFERENCES**

- .1        CSA International
  - .1        CSA C22.2 No.58-M1989 (R2010), High-Voltage Isolating Switches.
- .2        National Electrical Manufacturers Association (NEMA)

**1.2            ACTION AND INFORMATIONAL SUBMITTALS**

- .1        Submit required submittals.
- .2        Product Data:
  - .1        Submit manufacturer's instructions, printed product literature and data sheets for isolating switches, and include product characteristics, performance criteria, physical size, finish and limitations.

**1.3            CLOSEOUT SUBMITTALS**

- .1        Submit required closeout submittals.
- .2        Operation and Maintenance Data: submit operation and maintenance data for isolating switches for incorporation into manual.
- .3        Technical data to cover operating mechanism of group operated switches.

**1.4            DELIVERY, STORAGE AND HANDLING**

- .1        Delivery and Acceptance Requirements: deliver materials to site in original factory packaging, labelled with manufacturer's name and address.
- .2        Storage and Handling Requirements:
  - .1        Store materials off ground indoors in dry location and in accordance with manufacturer's recommendations in clean, dry, well-ventilated area.
  - .2        Store and protect isolating switches from nicks, scratches, and blemishes.
  - .3        Replace defective or damaged materials with new.

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**PART 2 PRODUCTS**

**2.1 ISOLATING SWITCH**

- .1 Isolating switch: to CSA C22.2 No. 58.
- .2 Outdoor, single pole, single throw hook operated disconnect, structure mounted, continuous rating 200 A at 5 kV.

**PART 3 EXECUTION**

**3.1 EXAMINATION**

- .1 Verification of Conditions: verify that conditions of substrate previously installed under other Sections or Contracts are acceptable for isolating switches installation in accordance with manufacturer's written instructions.
  - .1 Visually inspect substrate in presence of the Departmental Representative.
  - .2 Inform the Departmental Representative of unacceptable conditions immediately upon discovery.
  - .3 Proceed with installation only after unacceptable conditions have been remedied and after receipt of written approval to proceed from the Departmental Representative.

**3.2 INSTALLATION**

- .1 Install as indicated.
- .2 Check switch contact resistance with low resistance meter.
- .3 Megger switch across each pole, from pole to pole, and from pole to ground.

**3.3 PROTECTION**

- .1 Protect installed products and components from damage during construction.
- .2 Repair damage to adjacent materials caused by isolating switches installation.

**END OF SECTION**