

SECTION 26 13 12 SAFETY AND DISCONNECTS SWITCHES

PART 1 – GENERAL

1.1 SCOPE

- A. In general, disconnect (safety) switches are indicated on the drawings. It shall be this contractor's responsibility to furnish and install all disconnect switches as indicated on the drawings.
- B. As a minimum this contractor shall furnish and install all required disconnecting means and motor overcurrent protection (in accordance with the NEC), whether indicated or not for equipment and motors furnished by the contractor and for equipment and motors furnished by others. All electrical conductors shall be high conductivity cooper (98% conductivity).
- C. A disconnecting means shall be easily accessible from and within reach of all motorized equipment.
- D. All control, alarm and interlock wiring required for proper operation of equipment furnished by other contractors and the required raceways, etc. shall be furnished and installed by this contractor under the specified section. All control, alarm and interlock wiring shall be in conduit and shall be color-coded.

1.2 STANDARDS AND CODES

- A. Except where otherwise required by the section, the following standards and codes shall govern:
 - 1. NEC
 - 2. UL listing
 - 3. NEMA Standards

1.3 QUALIFICATION

- A. Disconnect Switches by Square D or approved equivalent.

1.4 SUBMITTALS

- A. Shop drawings shall be submitted for all equipment in this Section to include fuses.

2.0 PRODUCTS

2.1 SAFETY DISCONNECT SWITCHES

- A. All disconnect switches shall be heavy-duty type, unless specifically noted otherwise. Switches shall be fusible or non-fusible and sized as noted on the drawings.
- B. Switches shall be 600V rated on higher voltage systems with NEMA type 1

enclosure, unless otherwise noted. All switches for motors shall be dual horsepower rated.

C. Provide and install lugs on disconnect switch as required to accept conductors called for on drawings.

D. Fusible Safety Disconnect Switches shall be furnished with Class R fuse holders.

3.0 EXECUTION

3.1 Provide and install safety switches with the number of poles and fuses noted on the drawings.

3.2 Use Class R dual element fuses and fuse rejection kit in all fused safety switches

END OF SECTION 261312