**SECTION 26 28 13**

**FUSES**

**BASED ON DFD MASTER ELECTRICAL SPEC DATED 03/01/21**

This section has been written to cover most (but not all) situations that you will encounter. Depending on the requirements of your specific project, you may have to add material, delete items, or modify what is currently written. The Division of Facilities Development expects changes and comments from you.

This section should not be used if fuses are covered in the other electrical specification sections.

**PART 1 - GENERAL**

**SCOPE**

The work under this section includes 250 and 600 volt fuses. Included are the following topics:

PART 1 - GENERAL

 Scope

 Related Work

 Submittals

 Regulatory Requirements

 Extra Materials

PART 2 - PRODUCTS

 Fuses

PART 3 - EXECUTION

 Installation

RELATED WORK

Applicable provisions of Division 1 govern work under this Section.

Section 01 91 01 or 01 91 02 – Commissioning Process

**SUBMITTALS**

Provide device dimensions, nameplate nomenclature, and electrical ratings.

Submit manufacturer’s product data sheets with installation instructions.

**REGULATORY REQUIREMENTS**

Listed by Underwriter's Laboratories, Inc., and suitable for specific application.

**EXTRA MATERIALS**

Provide three (3) spares of each size and type fuse.

**PART 2 - PRODUCTS**

**FUSES**

Fuses 600 Amperes and Less: Dual element, time delay, [250] [600] volt, UL Class [RK 1.] [RK 5.] [J.] Interrupting Rating: 200,000 rms amperes.

Fuses 601 Amperes and Larger: Low Peak, time delay, 600 volt, UL Class L. Interrupting Rating: 200,000 rms amperes.

Fuses 30 Amperes and less: Time-Delay, 600 volt, UL Class CC. Interrupting rating: 200,000 rms amperes.

Provide storage enclosure for spare fuses. Enclosure shall be a hinged-cover junction box, minimum size of 12” x 12” x 6” D. Enclosure shall be labeled as “Spare Fuses”. Install enclosure in main electrical room.

**PART 3 - EXECUTION**

**INSTALLATION**

Fuses shall not be installed until equipment is ready to be energized.

END OF SECTION