

SECTION 263513 – CAPACITORS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:

- 1. This Section specifies power factor correction capacitors for buildings and structures electrical systems.
- 2. Provide all labor, materials, and equipment as necessary to complete all work as indicated on the drawings, and as specified herein for a complete operating system.

- B. Related Sections:

- 1. Applicable sections of Division 26 - Electrical

1.3 SUBMITTALS

- A. Shop Drawings

- 1. Power factor correction capacitors

1.4 QUALITY ASSURANCE

- A. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction, and marked for intended use.
- B. Comply with NFPA 70, “National Electrical Code”
- C. Guarantee
 - 1. Furnish full parts and labor warranty to cover the capacitor(s) for one year from date of installation.

PART 2 - PRODUCTS

2.1 POWER FACTOR CORRECTION CAPACITORS

- A. Capacitors shall be provided for all motors 10 HP and larger. Capacitors shall be sized in accordance with manufacturers recommendations to correct power factor between 90 and 95 per cent. Capacitors shall be connected so that it is in service only when the motor is in operation.
- B. Motors with part winding starters shall have capacitor connected to load side of first contactor.
- C. Capacitors shall be Myron Zucker Inc. Calvault VL with blown fuse indicating lights, or equal by Versatex, Westinghouse, or Cornell-Dubilier Electric Corporation.

PART 3 - EXECUTION

Not Used

END OF SECTION 263513