# SECTION 260548 SEISMIC RESTRAINT FOR ELECTRICAL EQUIPMENT

## PART 1 - GENERAL

### A. Description

This section describes the requirements for furnishing and installing seismic restraint devices for electrical equipment.

### B. Related Work Specified Elsewhere

When it applies, this section is referenced in other sections of the specifications.

### C. Submittals

1. Submit shop drawings in accordance with the General Conditions.

2. Submit seismic anchoring calculations with equipment and raceway submittals. Calculations shall be performed by a licensed civil or structural engineer employed by the equipment manufacturer and registered in the state of California.

3. Submit equipment anchoring methods. Include anchoring locations, anchor types, and minimum anchor embedment depths. Anchors shall have ICC-approved anchorage values.

## PART 2 - MATERIALS

### A. Seismic Design of Equipment

Equipment fabricated or assembled at manufacturers' premises shall be designed and constructed in such a manner that all portions, elements, subassemblies, and/or parts of said equipment and the equipment as a whole, including their attachments, shall have the capability of withstanding seismic forces specified under "Seismic Anchoring and Restraints" below.

### B. Seismic Anchoring and Restraints

Equipment Anchors: Electrical equipment shall be securely anchored. Anchoring shall have the capability of withstanding seismic forces per Sections 13.3 and 13.4 of ASCE 7-05. Use Ip = 1.0, Site Class D.

PART 3 - EXECUTION

A. Equipment Anchors

Install equipment anchors in accordance with the final shop drawing and manufacturer's recommendations. Properly torque all bolts to the required values.

END OF SECTION