

## Scope

This guide establishes selection criteria that is used to determine representative components or devices and assembly specimen configurations (both indoor and outdoor) to test as part of seismic qualification efforts for attaining building code seismic conformance. Nonstructural equipment applications fitting within the scope of the International Building Code and ASCE/SEI 7 Minimum Design Loads for Buildings and Other Structures are addressed. Additionally, guidance for specific acceptance criteria is provided. Equipment types covered by this guide include those covered by the following standards:

- IEEE Std C37.04, AC High-Voltage Circuit Breakers with Rated Maximum Voltages above 1000 V
- IEEE Std C37.20.1, Metal-Enclosed Low-Voltage (1000 Vac and below, 3200 Vdc and below) Power Circuit Breaker Switchgear
- IEEE Std C37.20.2, Metal-Clad Switchgear
- IEEE Std C37.20.3, Metal-Enclosed Interrupter Switchgear (1 kV–38 kV)
- IEEE Std C37.20.9, Metal-Enclosed Switchgear Rated 1 kV to 52 kV Incorporating Gas Insulating Systems
- IEEE Std C37.21, Control Switchboards
- IEEE Std C37.23, Metal-Enclosed Bus
- IEEE Std C37.74, Subsurface, Vault, and Padmounted Load-Interrupter Switchgear and Fused Load-Interrupter Switchgear for Alternating Current Systems up to 38 kV
- IEEE Std C57.12, Liquid-Immersed Distribution, Power, and Regulating Transformers
- UL 67, Panel boards
- UL 98, Enclosed and Dead-front Switches
- UL 347, Medium-Voltage AC Contactors, Controllers, and Control Centers
- UL 347A, Medium-Voltage Power Conversion Equipment
- UL 489, Enclosed Circuit Breakers
- UL 508, Industrial Control Equipment
- UL 508A, Industrial Control Panels
- UL 845, Motor Control Centers
- UL 857, Busways
- UL 891, Switchboards
- UL 1008, Transfer Switch Equipment
- UL 1008A, Medium-Voltage Transfer Switches
- UL 1561, Dry-Type General Purpose and Power Transformers
- UL 1778, Uninterruptable Power Supplies and Accessories
- UL 5085, Low Voltage Transformers
- UL 61800-5-1, Adjustable Speed Electrical Power Drive Systems