



# CERTIFICATE OF COMPLIANCE

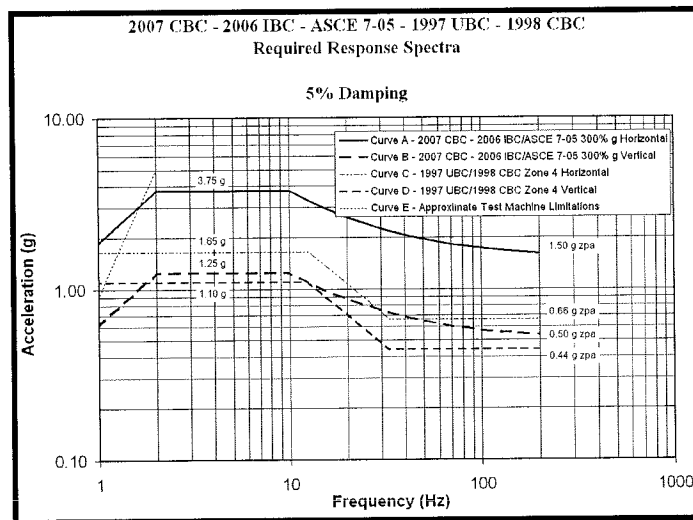
## STRUCTURAL DESIGN REQUIREMENTS FOR EARTHQUAKE LOADING OF ELECTRICAL EQUIPMENT

**Type VBII 30-600 Ampere General Duty Safety Switches 2 and 3 pole**  
**Type VBII 30-1200 Ampere Heavy Duty Safety Switches 2, 3, 4 and 6 pole**  
**Type DT 30-1200 Ampere Double Throw Safety Switches 2 and 3 pole**  
**Type VBII 30-600A Disconnect Switches**

Compliance Documents	Compliance Level
2005 American Society of Civil Engineers (ASCE) 7-05 2006 International Building Code (IBC) 2007 California Building Code (CBC)	300% g ( $S_{DS} = 2.0$ g)
1997 Uniform Building Code (UBC) 1998 California Building Code (CBC) 2001 California Building Code (CBC)	Zone 4

Eighteen representative Switches were subjected to and successfully completed Earthquake Compliance Tests at the 300% g ASCE 7-05/2006 IBC/2007 CBC level shown in the figure below. This test level is also adequate to demonstrate compliance with the 1997 UBC, 1998 CBC, and 2001 CBC Zone 4 requirements. It should be noted that conservative factors were considered in determining all of the test levels. The test levels encompass the following:

- Occupancy Category: I, II, III, and IV
- Seismic Use Group: I, II, and III
- Seismic Design Category: A, B, C, and D
- Importance Factor: 1.0, 1.25, and 1.5
- Site Class: A, B, C, and D
- Equipment Location: Ground level and in a concrete and steel, moment-resisting frame building not exceeding 12 stories in height with a minimum story height of 10 feet, at any location from the ground level to the roof level



See Wyle Laboratories Test Report T55890-1 for complete documentation including Project Engineer, Department Manager, and Quality Assurance approvals.