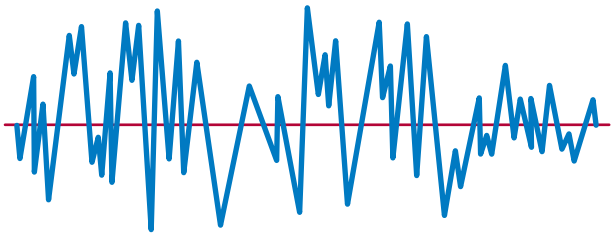
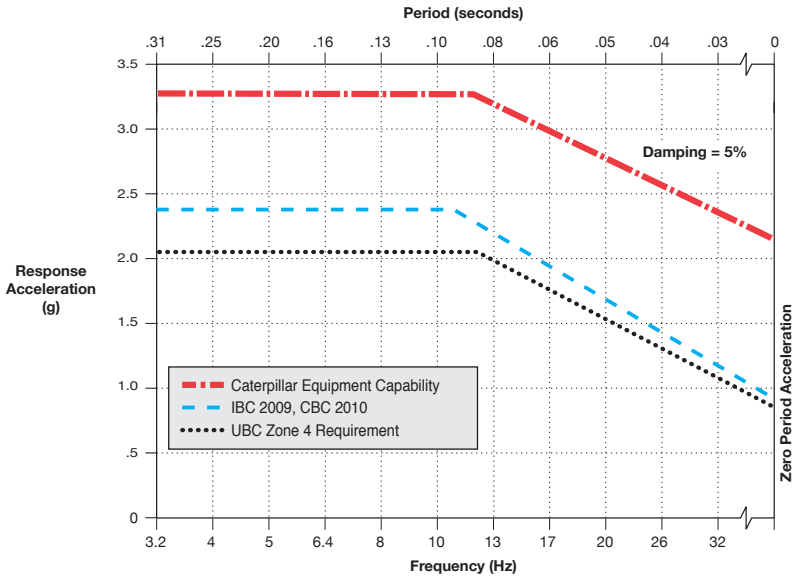
Seismic qualified



Caterpillar Paralleling Switchgear utilizing Eaton Corporation's equipment below was tested for seismic withstand capability and tested in accordance with the combined requirements specified in the International Building Code, the California Building Code, and the Uniform Building Code.

As required by the codes, the equipment demonstrated its ability to function after the seismic tests. The seismic capability of the equipment is illustrated in the figure below.

Medium Voltage Metal-Clad Paralleling Switchgear (Type VacClad-W) with Caterpillar Generator Control Systems Based on PLC Automation or EMCP3.S Controller Technology



The frequency sweep tests revealed that the lowest equipment natural frequency is:

4.4 Hz Indoor

Drawing Number
PU02200004E

Nathan Glenn, PE
Westinghouse Electric Company, LLC

3RD PARTY TEST ENGINEER IN CHARGE

For interpretation of testing data, refer to Eaton Publication SA12501SE

TESTED BY
Wyle Laboratories
September 2008 – 55906R08-5B
September 2008 – 55906R08-1
November 2008 – 55906R08-11B
December 2009 – 57093R09-1
March 2010 – 57093R09-1

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