

SEISMIC ENCLOSURES PROVIDE AN EXTRA MEASURE OF PROTECTION

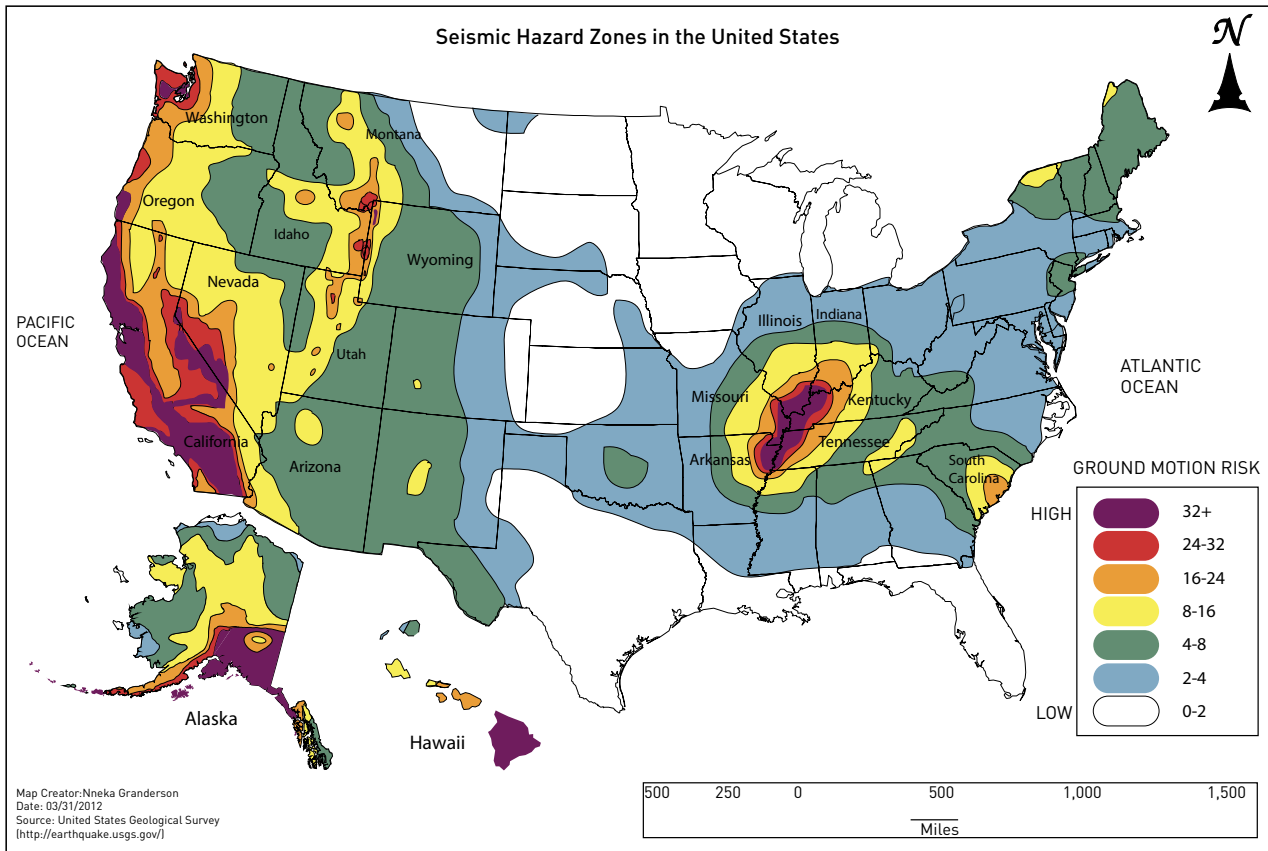
The use of seismic-rated enclosures is recommended in areas where earthquake activity is possible. In addition, power plants, railroads, airports and other installations use rack-mounted electrical and electronic equipment that is subjected to vibration and other motion that can over-stress equipment framework, components and connections. Adequate enclosure frame strength and rigidity are necessary under these conditions.

Seismic Enclosure Standards

Industry standards define global geographical areas as earthquake-risk Zones. Referring to the seismic map below, ground motion risks are numbered from 0 to 32+ with 32+ corresponding to the highest risk areas. Geographic areas designated as 0-2 present no substantial earthquake risk.

Conditions Other Than Earthquakes

Equipment may need to withstand the effects of movement or vibration in areas close to railways, airports, power plants and other areas subject to similar conditions.



Hoffman Seismic Products

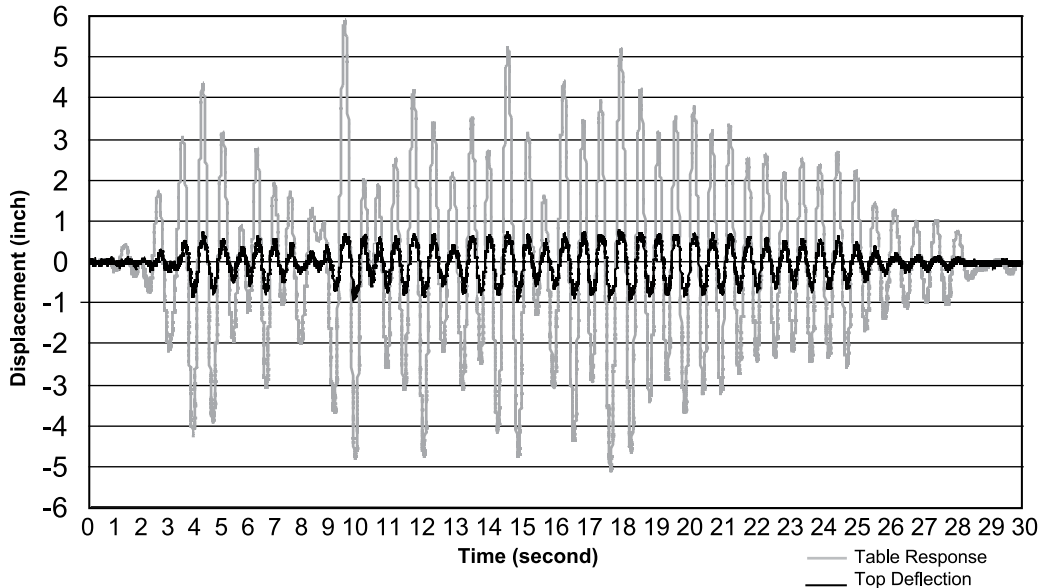
Hoffman performance-tests its seismic products according to Telcordia (formerly Bellcore) GR-63-CORE Network Equipment Building System (NEBS™) requirements for physical protection. These enclosures can also be manufactured to comply with all applicable national and international standards, such as the Uniform Building Code (UBC) and the International Electrotechnical Commission (IEC). Contact Telcordia, UBC and IEC for more information.

Seismic Certification

A Telcordia GR-63-CORE compliant test must be conducted by a Nationally Recognized Testing Laboratory (NRTL) or other recognized independent laboratory before certification will be issued. This test is conducted on an installation-specific basis with customer-installed equipment and cabling mounted inside the enclosure. In other cases or in addition to, a licensed structural engineer must certify the installation. Contact Hoffman for more information or for assistance in coordinating testing.



Enclosure mounted on shaker table



Time-motion history generated in front to back seismic enclosure test

NEBS™ IS A TRADEMARK OF TELCORDIA.