

Standard and Custom Panels Seismic Certification

Application Note

Code No. LIT-12011782
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Refer to the [QuickLIT Web site](#) for the most up-to-date version of this document.

Application Requirements

California requires seismic certification for a wide variety of mechanical and electrical equipment, including panels, when the equipment is installed in a health care facility. California's Office of Statewide Health Planning and Development (OSHPD) is responsible for regulating and enforcing seismic requirements. Refer to http://www.oshpd.ca.gov/FDD/seismic_compliance/index.html for additional California seismic certification information.

In addition, seismic certification is also required for various structures specified in the International Building Code (IBC), which is used throughout the United States. Refer to <http://www.iccsafe.org/Pages/default.aspx> for a list of building codes.

Johnson Controls® standard and custom panels are tested and certified under the OSHPD requirements to S_{DS} level 2.26g. This requirement incorporates the most severe earthquake zones in the continental United States, including the New Madrid Fault near Memphis, TN. Standard and custom panels are certified for both rigid and flexible mount, which includes wall mount and equipment mounting. Standard and custom panels comply with the seismic requirements of California Building Code CBC-2010 and International Building Code IBC-2009.

Custom panels must be constructed with components listed in Johnson Controls' OSHPD certification in order to be covered under that certification.

Johnson Controls' certification for standard and custom panels is available at <http://www.oshpd.ca.gov/FDD/Pre-Approval/OSP-0140-10.pdf>. In addition, a seismic certification label is affixed to compliant panels.



Figure 1: Seismic Certification Label



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