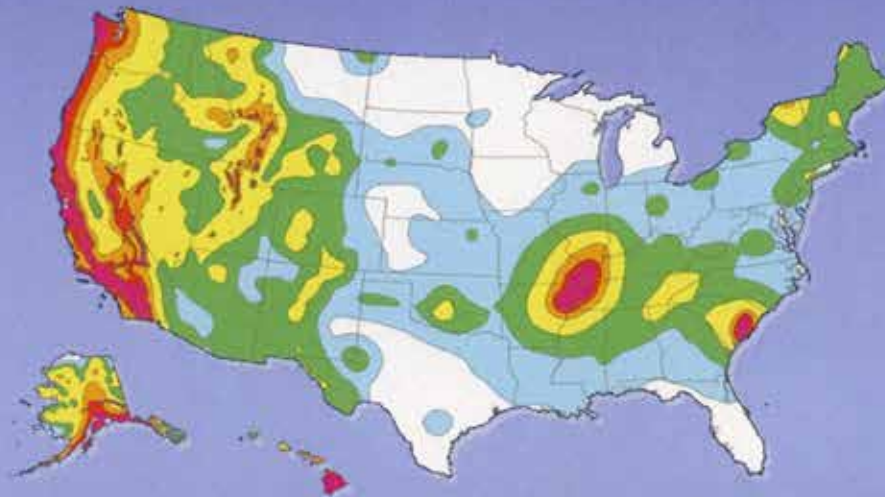


# SEISMIC CERTIFICATION

*Buffalo Air Handling's Custom Air Handling Unit product line can now be provided with Seismic Certificates of Compliance. By testing our Custom Air Handling Units along with our third-party certification provider in accordance with the rigorous standards set forth by the International Building Code 2015 (IBC), ASCE 7 and AC156, our equipment can be equipped to withstand a 50 year design seismic event.*



*Seismic Design Map of the United States*

The IBC and ASCE 7 now require that building system components for essential facilities and equipment critical for life safety to undergo seismic shake table testing to ensure that the equipment will remain operational after a seismic event.

Common buildings impacted by this requirement are:

- Hospitals
- Laboratories
- Emergency Shelters
- Emergency Response Facilities
- Airports
- National Defense Facilities
- Public Utility Facilities
- High Occupancy Facilities
- Facilities with Smoke Evacuation Systems
- Central Plants that serve any of the above facilities



## How is this different than previous requirements?

Formerly, only the mechanism used to attach the equipment to the building was required to be analyzed. This did not consider how the equipment or the internal components would react during a seismic event. The IBC code today requires that equipment be tested on a shaker table to verify that each component will remain in place and continue to be operational after a seismic event.

# HOW TO DETERMINE IF SEISMIC CERTIFICATION IS REQUIRED FOR YOUR FACILITY

