Seismic Leasing Requirements
Federally Leased Buildings Complying with RP8
Conterminous United States

Map and underlying data prepared by U.S. Geological Survey in May 2012, in collaboration with the National Institute of Standards and Technology (NIST)-funded Building Seismic Safety Council (BSSC) Interagency Committee on Seismic Safety in Construction (ICSSC).

Building Seismic Safety Council, 2011, Standards of Seismic Safety for Existing Federally Owned and Leased Buildings, ICSSC Recommended Practice 8 (RP8): NIST GCR 11-917-12, National Institute of Standards and Technology, Gaithersburg, MD.


Buildings are exempt from RP8 requirements
$S_{D1} < 0.33g$ and $S_{DS} < 0.133g$

Buildings where the total area leased by the Federal Government is less than 10,000 ft$^2$ are exempt from RP8 requirements
All other values of $S_{D1}$ and $S_{DS}$ not belonging to the other two categories

Buildings must meet RP8 requirements
$S_{DS} \geq 0.50g$ or $S_{D1} \geq 0.20g$

Notes:
1. The mapped $S_{DS}$ and $S_{D1}$ values are the design spectral accelerations for the default soil classification, Site Class D.
2. See RP8 Section 1.3 for full details of exemptions.
Seismic Leasing Requirements (continued)
Federally Leased Buildings Complying with RP8
Alaska, Hawaii, and Puerto Rico