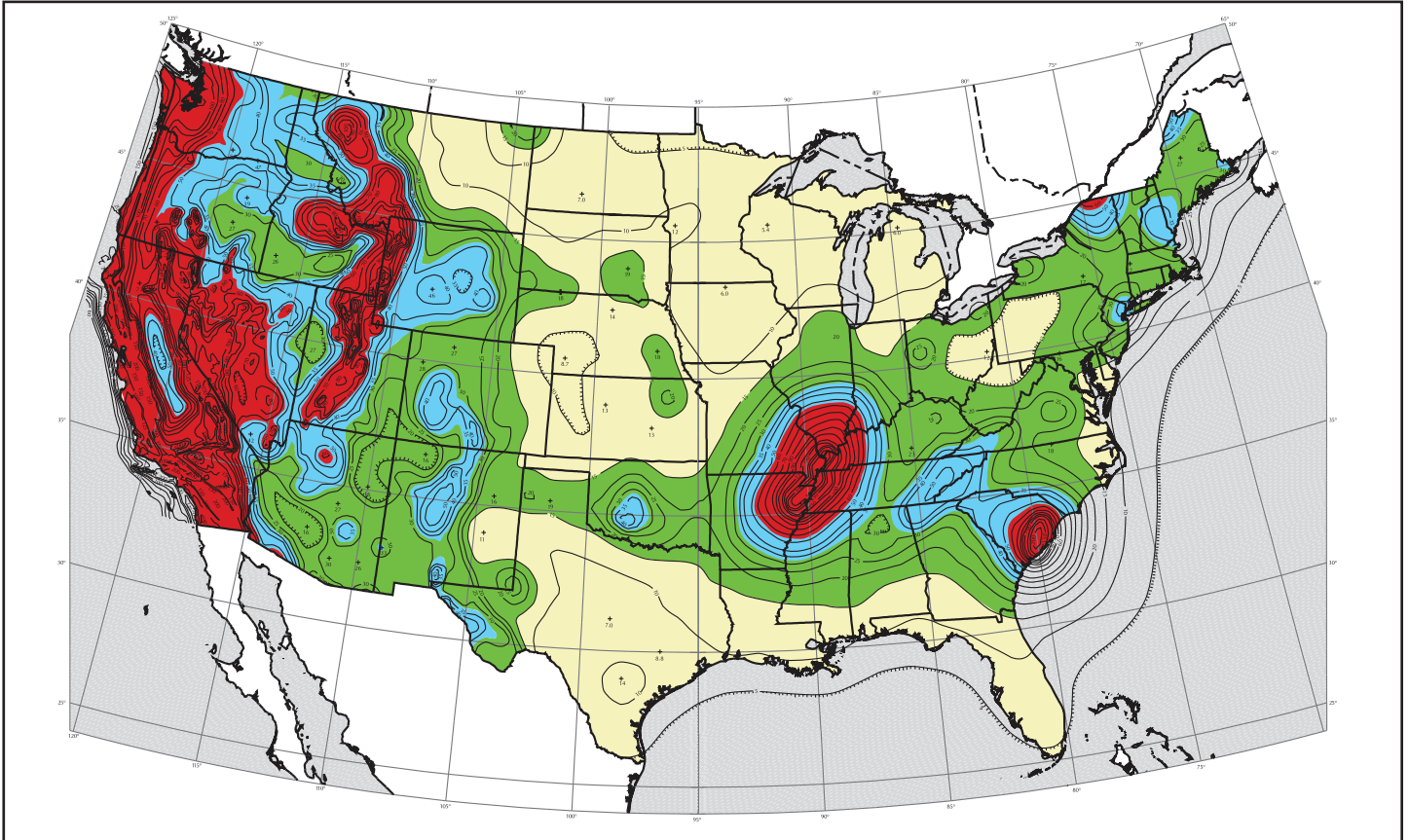


Seismic — When Is Certification Needed?

Seismic Design Category Reference Map



Seismic Design Category Based on Short-Period Response Accelerations

The colored areas of the map represent S_{DS} values (Short-Period Response Acceleration) for different areas of the country.

Buildings given a Design Category of C or D require Seismic Certification and proper seismic installation for compliance with the International Building Code (IBC).

Value of S_{DS}	Occupancy Category		
	I or II	III	IV
$S_{DS} < 0.167g$	A	A	A
$0.167g \leq S_{DS} < 0.33g$	B	B	C
$0.33g \leq S_{DS} < 0.50g$	C	C	D
$0.5g \leq S_{DS}$	D	D	D