

Rapid Visual Screening of Buildings for Potential Seismic Hazards

FEMA-154 Data Collection Form

MODERATE Seismicity

	<p>Address: _____ _____ Zip _____</p> <p>Other Identifiers _____</p> <p>No. Stories _____ Year Built _____</p> <p>Screener _____ Date _____</p> <p>Total Floor Area (sq. ft.) _____</p> <p>Building Name _____</p> <p>Use _____</p> <div style="text-align: center; padding: 50px 0;"> <p>PHOTOGRAPH</p> </div>
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Scale: _____

OCCUPANCY					SOIL TYPE						FALLING HAZARDS			
Assembly	Govt.	Office	Number of Persons		A	B	C	D	E	F	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Commercial	Historic	Residential	0 – 10	11 – 100	Hard	Avg.	Dense	Stiff	Soft	Poor	Unreinforced	Parapets	Cladding	Other:
Emer. Services	Industrial	School	101-1000	1000+	Rock	Rock	Soil	Soil	Soil	Soil	Chimneys			

BASIC SCORE, MODIFIERS, AND FINAL SCORE, S															
BUILDING TYPE	W1	W2	S1 (MRF)	S2 (BR)	S3 (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM
Basic Score	5.2	4.8	3.6	3.6	3.8	3.6	3.6	3.0	3.6	3.2	3.2	3.2	3.6	3.4	3.4
Mid Rise (4 to 7 stories)	N/A	N/A	+0.4	+0.4	N/A	+0.4	+0.4	+0.2	+0.4	+0.2	N/A	+0.4	+0.4	+0.4	-0.4
High Rise (>7 stories)	N/A	N/A	+1.4	+1.4	N/A	+1.4	+0.8	+0.5	+0.8	+0.4	N/A	+0.6	N/A	+0.6	N/A
Vertical Irregularity	-3.5	-3.0	-2.0	-2.0	N/A	-2.0	-2.0	-2.0	-2.0	-2.0	N/A	-1.5	-2.0	-1.5	-1.5
Plan Irregularity	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5
Pre-Code	0.0	-0.2	-0.4	-0.4	-0.4	-0.4	-0.2	-1.0	-0.4	-1.0	-0.2	-0.4	-0.4	-0.4	-0.4
Post-Benchmark	+1.6	+1.6	+1.4	+1.4	N/A	+1.2	N/A	+1.2	+1.6	N/A	+1.8	N/A	2.0	+1.8	N/A
Soil Type C	-0.2	-0.8	-0.6	-0.8	-0.6	-0.8	-0.8	-0.6	-0.8	-0.6	-0.6	-0.6	-0.8	-0.6	-0.4
Soil Type D	-0.6	-1.2	-1.0	-1.2	-1.0	-1.2	-1.2	-1.0	-1.2	-1.0	-1.0	-1.2	-1.2	-1.2	-0.8
Soil Type E	-1.2	-1.8	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6

FINAL SCORE S															
<p>COMMENTS</p>															<p>Detailed Evaluation Required</p> <p>YES NO</p>

* = Estimated, subjective, or unreliable data
 DNK = Do Not Know

BR = Braced frame
 FD = Flexible diaphragm
 LM = Light metal

MRF = Moment-resisting frame
 RC = Reinforced concrete
 URM INF = Unreinforced masonry infill

SW = Shear wall
 TU = Tilt up
 URM INF = Unreinforced masonry infill

