

Why Test?

Protect Your Employees, Facilities and Products from Earthquakes



Marco Freides / Reuters

- ENSURE compliance with seismic regulations
- CONFIRM effectiveness of seismic retrofits
- IMPROVE seismic safety
- PRESERVE continuity of operations
- PROTECT inventory



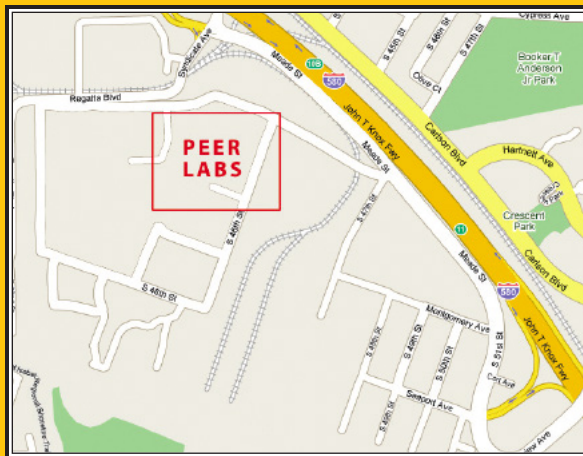
Liquid Storage Tank & Isolation System



PEER-UC BERKELEY LABORATORIES

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The UC Berkeley facilities included in this brochure are operated by PEER. A diverse range of laboratory facilities exist at other PEER affiliated institutions and are not referenced in this document.



LARGEST 6D SHAKING TABLE IN US
LARGE-SCALE STRUCTURES LABORATORY
HIGH-FIDELITY COMPUTER SIMULATIONS
PRECISION DIGITAL IMAGING
ADVANCED COMPUTATIONAL ENHANCEMENTS

MULTIPLE ACCREDITATIONS INCLUDING
TESTING AND REPORTING FOR:
AC-156, IEEE-693, ASTM E2126,
ANSI/AISC 341

Leading Researchers and Skilled Professional Staff

- UC Berkeley's Department of Civil and Environmental Engineering is top-rated in the nation.
- PEER Lab staff are highly skilled and experienced.
- Hybrid shaking table technology utilizes advanced computational enhancement.
- Proven track record of working with industry, including tests of structures, storage tanks, ceiling assemblies, electrical and mechanical equipment and systems.

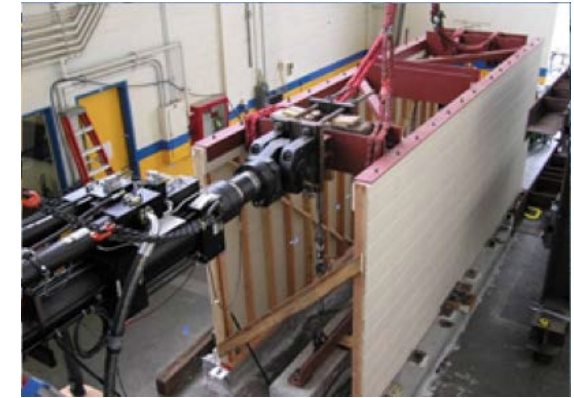


Hybrid Testing of Tuned Mass Damper System

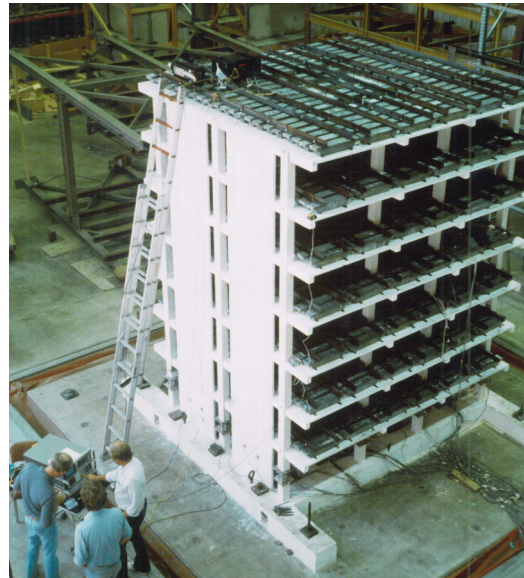
Lab Accreditations



Equipment Testing (AC-156)



Panel Testing (ASTM E2126)



Structures Testing



Ceiling Assembly Testing



Electrical Equipment Testing (IEEE-693)

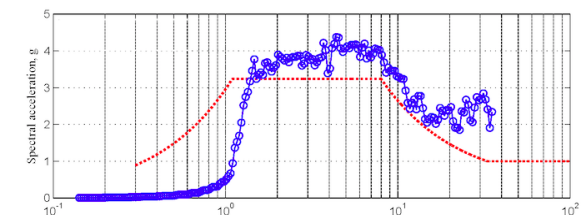


Table Simulates Code Requirements with High-Fidelity (IEEE-693)