

Premier Partner

ARUP

Arup

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Web site: www.arup.com

Contact: John Turzynski, Principal

CEO: Robert Emmerson

Principal Business: Consulting Engineering

Year founded: 1946

Number of employees: 6,500

Other offices: 75 worldwide including San Francisco, Los Angeles, New York, Boston, Houston, Detroit, Toronto, Tokyo, Hong Kong, and London

Annual Sales: \$565 million

Notable Seismic Projects:

Many worldwide. Readers are encouraged to visit the Arup web site.

Reasons for involvement with MCEER:

To contribute to the seismic engineering community, and stay abreast of current research.



- The **Light Tower Sculpture**, Civic Center, San Francisco is FPS base isolated. Completed 1999. Sculptor: James Carpenter Design Associates.



- The **unbonded brace frame** being installed on the Plant & Environmental Sciences Building at the University of California, Davis.

Company Narrative:

Since its formation in 1946, Arup has developed into a firm of designers in the broadest sense, reflecting a diversity and dynamism of both clients and staff. With offices around the world, Arup has worked on projects in over 100 countries and has been involved in seismic design, analysis, and evaluation for major projects worldwide.

Arup has designed or upgraded buildings, bridges, industrial and offshore structures in high seismic zones in many countries – including the USA, Turkey, Japan, Taiwan, the Philippines, Indonesia, and New Zealand – with many international codes and design approval agencies. Other projects include geohazards studies and design of critical facilities (i.e., LNG tanks and nuclear power stations) in regions of moderate to high seismicity.

Arup is a world leader in development and application of performance-based design and assessment techniques for structural, seismic, wind, structural vibration, blast and impact engineering.



- **Osaka International Conference Centre**, Osaka, Japan. Incorporation of the Unbonded Brace. Completed 2000. Kisho Kurokawa Architect and Associates.

