

# SEISMIC CERTIFICATE OF CONFORMANCE

Models: 83THD, 83THE and 83THF Lateral Acceleration: 0.338g

This is to certify that the Acran 8000 Series battery rack models listed above, including anchor bolts and accessories, have been structurally analyzed and when loaded with 45 lbs/linear inch/tier or less and installed in single configurations are in compliance with the seismic requirements of:

- 1994 Uniform Building Code with California Amendments, Sections 1630 and 1631
- American Institute of Steel Construction, Inc.  
Manual of Steel Construction, Allowable Stress Design, Ninth Edition
- BRASAPS TS006
- The certifying engineers named below

These rack models are certified to withstand lateral acceleration forces of 0.338g. According to the 1994 Uniform Building Code, racks meeting this criteria are suitable for the following applications:

1994 UBC Zone	At Grade or Below		Above Grade	
	Standard	Essential	Standard	Essential
1	X	X	X	X
2A	X	X	X	X
2B	X	X	X	
3	X	X		
4	X	X		

The analysis upon which this certification is based was completed by Engineering Mechanics Company, Houston, Texas on November 14, 1995. This certification is offered without exceptions or qualifications when racks are installed according to the published installation instructions. Supporting documentation can be provided upon request.

