

Triaxial Seismic Qualification Testing

We Take A Closer Look

Testing Capabilities:

- State-of-the-Art Triaxial Seismic Shaker
- Structural Integrity
- Component Performance
- Instrumentation Functionality
- And More

Applied Technical Services is incredibly proud to offer a wide range of comprehensive seismic certification services and related testing. Our certification services were designed from the ground up to provide detailed and accurate information regarding components, equipment, machines and more, helping your organization guarantee structural integrity and equipment functionality and maintain compliance at the same time.

Established in 1967, Applied Technical Services is proud to be an industry leader in seismic testing, including "critical care units" for certification for healthcare facilities.

Our seismic testing facility at ATS is in full compliance with a wide range of seismic qualifications including IEEE 344, ICC ES AC156, GR-63-CORE and more. With our state-of-the-art testing equipment, customers can adequately use seismic testing and qualification to help with failure prevention and continued operation of mission critical components.

At ATS, seismic testing is conducted using a triaxial seismic shaker, giving us the ability to test for structural integrity, component functionality, instrumentation functionality and more.

Applied Technical Services

1049 Triad Court
Marietta, GA 30062



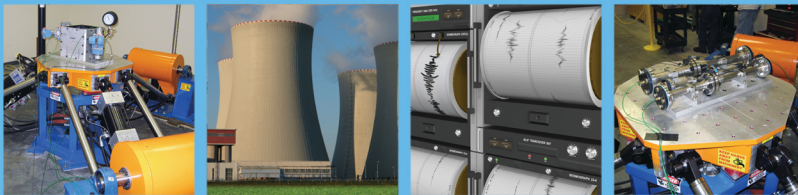
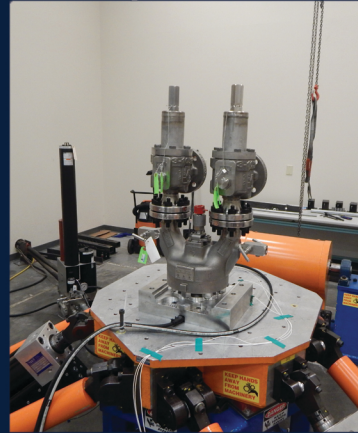
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Specifications:

- IEEE 344 (accredited A2LA/ISO 17025)
- GR-63 - CORE (accredited A2LA/ISO 17025)
- ICC-ES AC156 (accredited A2LA/ISO 17025)
- 3 Independent Simultaneous Axes of Motion (X, Y, Z translation)
- Table Size of 36"x36" with Grid of 1/2" \times 13 Tapped Holes on 4"x4" Pattern
- Actuators Rated at 10,000 lbf
- Peak Displacement of 12 Inches P-P (+/-6")
- Rated Velocity of 55 IPS
- Frequency Range of Operation 0-100 Hz with Ability to Operate Up to 150 Hz for Purposes of Resonance Searches
- State of the Art PC-Based Digital Controller (Vibration Research) and 12 Channels of Piezoelectric Accelerometers
- Independent High-Speed DAQ Systems for Chatter Monitoring (64 Channels)



Qualifications and Standards:

- ANSI/ASME NQA-1 Nuclear Quality Assurance Requirements
- 10CFR50 Appendix B Nuclear Quality Assurance Requirements
- 10CFR21 Requirements for the Reporting of Non Conformances
- ISO/IEC 17025 Competence of Testing and Calibration Laboratories
- ISO 9001 Quality Management System

At ATS, we strive to always guarantee compliance with all of the following standards and codes:

- IEEE 344
- GR-63-CORE
- ICC-ES AC 156

ATS, founded in 1967 and headquartered in Marietta, GA, is one of North America's leading engineering firms with extensive testing and inspection capabilities delivering a combination of experience, professionalism, and decisive responsiveness for our clients.