

Acceptance Criteria For Seismic Shake Table

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[ACCEPTANCE CRITERIA FOR SEISMIC CERTIFICATION BY SHAKE-TABLE TESTING OF NONSTRUCTURAL COMPONENTS \(AC156\) 3 3.6](#)

Component Force-resisting System: Those members or assemblies of members, including braces, frames, struts and attachments that provide structural stability for the connected components and transmit all

ACCEPTANCE CRITERIA FOR SEISMIC CERTIFICATION BY SHAKE ...

AC 156 Seismic Testing: Acceptance Criteria for Seismic Certification by Shake Table Testing of Nonstructural Components. Clark Testing offers full seismic testing, certification, and report submittal for testing to AC-156. The AC-156 seismic test specification defines the testing and requirements for equipment installed into newly constructed or renovation projects in the residential and commercial industries.

AC 156 Seismic Testing: Acceptance Criteria for Seismic ...

AC156 - Seismic Certification by Shake-table Testing of Nonstructural Components. Acceptance criteria are copyrighted publications (ALL RIGHTS

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ICC ES AC 156, 2010 Edition, October 2010 - ACCEPTANCE CRITERIA FOR SEISMIC CERTIFICATION BY SHAKE-TABLE TESTING OF NONSTRUCTURAL COMPONENTS There is no abstract currently available for this document

ICC ES AC 156 : ACCEPTANCE CRITERIA FOR SEISMIC ...

TRU Compliance is regularly engaged in shake table testing on systems of all sizes, whether small components weighing 20 lbs or large, complex systems in excess of 100,000 lbs. ICC-ES AC156 The most common testing procedure used for IBC and OSHPD applications is the International Code Council Evaluation Services Acceptance Criteria 156 (ICC-ES AC156).

AC156 Seismic Certification - Shake Table Testing for ...

Acceptance Criteria for Special Seismic Qualification by Shake Table Testing of Nonstructural Components and Systems which is acceptable to IBC, UBC and other local building code governing agencies. Features • Products tested on a shake table, simulating seismic effects as per AC-156 requirements as required by ICC Evaluation Service, Inc.

What Does HVAC Equipment Have To Do with Earthquakes or ...

Test Criteria. Equipment importance factor (from 1.0 to 1.5). All ABB equipment with seismic certification is qualified to an Ip level of 1.5, indicating the equipment will be fully functional during and after a seismic event. The ratio of equipment mounting height (z) to roof height (h) (From 0 to 1).

Seismic Rating Information - ABB

The current IC-ES acceptance criterion (AC) used for the testing and evaluation of Seismic Clips is AC156, Acceptance Criteria for Seismic Qualification by Shake-Table Testing of Nonstructural Components and Systems. AC156 was not specifically designed to provide testing guidelines or pass/fail criteria for acoustical suspension systems in a seismic event.

Seismic Code Changes | USG

AC-156 Seismic Qualification by Shake Table Testing of Nonstructural Components • Companion Document to 2009 IBC/ASCE 7-05 • Acceptance Criteria published by ICC Evaluation Services • First published in 2000, latest version 2007 • Provides testing protocol and test spectra definition • Test Spectra is

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tied directly to F p force ...

Special Seismic Certification Preapproval Program.ppt

AC156 protocol by ICC-ES is finalised to seismic certification of nonstructural components by shake table testing. According to the field literature, there are several cases in which such protocol...

AC156: ACCEPTANCE CRITERIA FOR SEISMIC CERTIFIC. BY SHAKE ...

ICC- ES AC156 : Acceptance criteria for seismic certification by shake table Servitudes to validate operability. To verify the functioning of the equipment under test during and / or after testing, it is possible to ensure: Power supply (DC: 0-600V, AC: 0-600 V / 50-400Hz,...) Monitoring of voltages, current, temperatures, micro-breaks,...

Seismic and earthquake testing | Emitech Group

What is the Acceptance Criteria after Shake Table Testing? • Post-test acceptance criteria for shake- table testing shall be as required by ICC-ES AC 156: 1. Structural Integrity of components, supports, and attachments shall be maintained. 2. Functionality of components shall be maintained equivalent to pre-shake table test functionality test.

OSHPD Special Seismic Certification Preapproval (OSP)

Testing protocols followed AC156, “ Acceptance Criteria For Seismic Qualification by Shake-Table Testing of Nonstructural Components and Systems ” , to achieve performance levels as outlined in FEMA 460.

Test Protocols FEMA Guidelines

AC156 establishes requirements for the seismic certification, by shake-table testing, of nonstructural components that have fundamental frequencies greater than or equal to 1.3 Hz. This criteria is not intended to evaluate effects of relative displacements on nonstructural components.

AC156 Seismic Certification by Shake-table Testing of ...

The IBC, and its references to ASCE 7, establishes design standards for power systems to survive a seismic event. When certifying equipment by shake- table testing, the procedures are clarified by the ICC through ICC-ES 156 (Acceptance Criteria for Seismic Qualification by Shake-Table Testing of Nonstructural Components and Systems).

Understanding the Requirements for IBC SEISMIC-COMPLIANT ...

NTS, in accordance with the State of California ’ s Office of Statewide Health and Planning Division (OSHPD), now offers full seismic testing, certification, and report submittal for testing to AC-156, “ Acceptance Criteria for Seismic Certification by Shake Table Testing of Nonstructural Components ” . The seismic test specification, as maintained by ICC Evaluation Service, Inc. (ICC-ES), specifically defines the testing and requirements for equipment installed into new or updated ...

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California Seismic Certification and Testing | NTS

PEER 2010/111 - Modeling and Acceptance Criteria for Seismic Design and Analysis of Tall Buildings ... PEER 2003/01- Shake Table Tests and Analytical Studies on the Gravity Load Collapse of Reinforced Concrete Frames K. Elwood, J. Moehle -Report. 2002 Reports. PEER 2002/24 - Performance of Beam to Column Bridge Joints Subjected to a Large ...

PEER Reports | Pacific Earthquake Engineering Research Center

At Holmes Solutions the panels were mounted on a hydraulic shake-table and given a thorough shaking, using a test protocol based on International Standard ICC-ES AC-156, Acceptance Criteria for Seismic Certification by Shake-Table Testing of Nonstructural Components. The peak acceleration was so violent that cables laying on the shake-table ...

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