

CHAPTER 17
STRUCTURAL TEST AND SPECIAL INSPECTIONS

SECTION 1708.5
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1708.5 Mechanical and electrical equipment. Each manufacturer of designated seismic system components shall test or analyze the component and its mounting system or anchorage and submit a certificate of compliance for review and acceptance by the registered design professional in responsible charge of the design of the designated seismic system and for approval by the building official. The evidence of compliance shall be by actual test on a shake table, by three-dimensional shock tests, by an analytical method using dynamic characteristics and forces, by the use of experience data (i.e., historical data demonstrating acceptable seismic performance) or by more rigorous analysis providing for equivalent safety. The special inspector shall examine the designated seismic system and determine whether the anchorages and label conform with the evidence of compliance.



Q: Is the certificate of compliance verifying testing and analyzing of designated seismic system components required to be prepared by an approved agency?

A: Yes. The system/component manufacturer must submit the certificate of compliance, but the testing must be preformed by an approved agency. The manufacturer must also apply the required label to the product as defined in Section 1702.1.
