The most current building code enforced in most jurisdictions in the United States is the 2006 International Building Code (IBC). The 2006 IBC references the 2005 edition of the standard Minimum Design Loads for Buildings and Other Structures prepared American Society of Civil Engineers (ASCE 7-05) for its seismic provisions. ASCE 7-05 contains specific requirements for nonstructural components in essential facilities so that these components would maintain their function following design earthquake level events. In the past, the design of nonstructural components focused only on the design of anchorage and bracing. This is no longer the case. The ASCE 7-05 seismic provisions include seismic qualification requirements for critical active mechanical and electrical equipment by shake table testing or experience data. In addition, non-critical equipment is also permitted to satisfy seismic design requirements by testing or experience rather than by prescriptive requirements (this is referred to as alternate means). A shake table testing protocol (AC-156) has also been developed that is consistent with the ASCE 7-05 seismic provisions and many equipment suppliers are now in the process of qualifying their equipment to satisfy it. The combination of specific code requirements and alternate mean requirements and the existence of a standard acceptable test protocol has greatly increased the interest of suppliers in seismic testing of their products. This presentation will describe the current US seismic code requirements and test protocols for nonstructural components.