

3. *Special inspection* is not required for interior nonbearing walls weighing 15 psf (73.5 N/m<sup>2</sup>) or less.

**1707.7 Mechanical and electrical components.** *Special inspection* for mechanical and electrical equipment shall be as follows:

1. Periodic special inspection is required during the anchorage of electrical equipment for emergency or standby power systems in structures assigned to *Seismic Design Category C, D, E or F*;
2. Periodic special inspection is required during the installation of anchorage of other electrical equipment in structures assigned to *Seismic Design Category E or F*;
3. Periodic special inspection is required during installation of piping systems intended to carry flammable, combustible or *highly toxic* contents and their associated mechanical units in structures assigned to *Seismic Design Category C, D, E or F*;
4. Periodic special inspection is required during the installation of HVAC ductwork that will contain hazardous materials in structures assigned to *Seismic Design Category C, D, E or F*; and
5. Periodic special inspection is required during the installation of vibration isolation systems in structures assigned to *Seismic Design Category C, D, E or F* where the *construction documents* require a nominal clearance of  $\frac{1}{4}$  inch (6.4 mm) or less between the equipment support frame and restraint.

**1707.8 Designated seismic system verifications.** The special inspector shall examine designated seismic systems requiring seismic qualification in accordance with Section 1708.4 and verify that the *label*, anchorage or mounting conforms to the *certificate of compliance*.

**1707.9 Seismic isolation system.** Periodic special inspection is required during the fabrication and installation of isolator units and energy dissipation devices that are part of the seismic isolation system.

## **SECTION 1708 STRUCTURAL TESTING FOR SEISMIC RESISTANCE**

**1708.1 Testing and qualification for seismic resistance.** The testing and qualification specified in Sections 1708.2 through 1708.5, unless exempted from *special inspections* by the exceptions of Section 1704.1, 1705.3 or 1705.3.1 are required as follows:

1. The seismic-force-resisting systems in structures assigned to *Seismic Design Category C, D, E or F*, as determined in Section 1613 shall meet the requirements of Sections 1708.2 and 1708.3, as applicable.
2. Designated seismic systems in structures assigned to *Seismic Design Category C, D, E or F* subject to the special certification requirements of ASCE 7 Section 13.2.2 are required to be tested in accordance with Section 1708.4.
3. Architectural, mechanical and electrical components in structures assigned to *Seismic Design Category C, D, E or F* with an  $I_p = 1.0$  are required to be tested in accordance with Section 1708.4 where the general design requirements of ASCE 7 Section 13.2.1, Item 2 for manufacturer's certification are satisfied by testing.
4. The seismic isolation system in seismically isolated structures shall meet the testing requirements of Section 1708.5.