

11A.1.3.7.2 Periodic Special Inspection for Components Periodic special inspection is required for nailing, bolting, anchoring, and other fastening of components within the seismic force-resisting system including drag struts, braces, and hold downs.

11A.1.3.7.3 Periodic Special Inspection for Wood Sheathing Periodic special inspections for nailing and other fastening of wood sheathing used for wood shear walls, shear panels, and diaphragms where the required fastener spacing is 4 in. or less, and that are included in the seismic force-resisting system.

11A.1.3.8 Cold-Formed Steel Framing

11A.1.3.8.1 Periodic Special Inspection for Welding Periodic special inspection is required during all welding operations of elements of the seismic force-resisting system.

11A.1.3.8.2 Periodic Special Inspection for Components Periodic special inspection is required for screw attachment, bolting, anchoring, and other fastening of components within the seismic force-resisting system, including struts, braces, and hold-downs.

11A.1.3.9 Architectural Components

Special inspection for architectural components shall be as follows:

1. Periodic special inspection during the erection and fastening of exterior cladding, interior and exterior nonbearing walls, and interior and exterior veneer in structures assigned to Seismic Design Categories D, E, or F.

EXCEPTIONS:

- a. Architectural components less than 30 ft (9 m) above grade or walking surface.
 - b. Cladding and veneer weighing 5 lb/ft² (239 N/m²) or less.
 - c. Interior nonbearing walls weighing 15 lb/ft² (718 N/m²) or less.
2. Periodic special inspection during the anchorage of access floors and the installation of suspended ceiling grids, and storage racks 8 ft (2.5 m) or greater in height in structures assigned to Seismic Design Categories D, E, or F.
 3. Periodic special inspection during erection of glass 30 ft (9 m) or more above an adjacent grade or walking surface in glazed curtain walls, glazed storefronts, and interior glazed partitions in structures assigned to Seismic Design Categories D, E, or F.

11A.1.3.10 Mechanical and Electrical Components

Special inspection for mechanical and electrical components shall be as follows:

1. Periodic special inspection during the anchorage of electrical equipment for emergency or standby power systems in structures assigned to Seismic Design Categories C, D, E, or F.
2. Periodic special inspection during the installation of anchorage of all other electrical equipment in Seismic Design Categories E or F.
3. Periodic special inspection during the installation for flammable, combustible, or highly toxic piping systems and their associated mechanical units in Seismic Design Categories C, D, E, or F.
4. Periodic special inspection during the installation of HVAC ductwork that will contain hazardous materials in Seismic Design Categories C, D, E, or F.
5. Periodic special inspection during the installation of vibration isolation systems where the construction documents indicate a maximum clearance (air gap) between the equipment support frame and restraint less than or equal to 1/4 in.

11A.1.3.11 Seismic Isolation System

Periodic special inspection is required during the fabrication and installation of isolator units and energy dissipation devices if used as part of the seismic isolation system.

11A.2 TESTING

The special inspector(s) shall be responsible for verifying that the special test requirements are performed by an approved testing agency for the types of work in designated seismic systems listed in the following text.

11A.2.1 Reinforcing and Prestressing Steel

Special testing of reinforcing and prestressing steel shall be as follows:

11A.2.1.1 Certified Mill Test Reports

Examine certified mill test reports for each shipment of reinforcing steel used to resist flexural and axial forces in reinforced concrete intermediate and special moment frames and boundary members of reinforced concrete shear walls or reinforced masonry shear walls and determine conformance with construction documents.