

WAC 51-50-1705 Section 1705—Required special inspections and tests.

1705.13.6 Plumbing, mechanical and electrical components. Periodic special inspection of plumbing, mechanical and electrical components shall be required for the following:

1. Anchorage of electrical equipment for emergency and standby power systems in structures assigned to Seismic Design Category C, D, E or F.

2. Anchorage of other electrical equipment in structures assigned to Seismic Design Category E or F.

3. Installation and anchorage of piping systems designed to carry hazardous materials and their associated mechanical units in structures assigned to Seismic Design Category C, D, E or F.

4. Installation and anchorage of ductwork designed to carry hazardous materials in structures assigned to Seismic Design Category C, D, E or F.

5. Installation and anchorage of vibration isolation systems in structures assigned to Seismic Design Category C, D, E or F where the approved construction documents require a nominal clearance of .25 inch (6.4 mm) or less between the equipment support frame and restraint.

6. Installation of mechanical and electrical equipment, including ductwork, piping systems and their structural supports, where automatic fire sprinkler systems are installed in Risk Category IV structures assigned to Seismic Design Category C, D, E or F to verify one of the following:

6.1. Minimum clearances have been provided as required by Section 13.2.3 ASCE/SEI 7.

6.2. A nominal clearance of not less than 3 inches (76 mm) has been provided between automatic sprinkler system drops and sprigs and: Structural members not used collectively or independently to support the sprinklers; equipment attached to the building structure; and other systems' piping.

Where flexible sprinkler hose fittings are used, special inspection of minimum clearances is not required.

[Statutory Authority: RCW 19.27.031, 19.27.074, and 19.27.540. WSR 23-02-073, 23-12-103, and 23-20-023, § 51-50-1705, filed 1/4/23, 6/7/23, and 9/25/23, effective 3/15/24. Statutory Authority: RCW 19.27.031 and 19.27.074. WSR 20-01-090, § 51-50-1705, filed 12/12/19, effective 7/1/20; WSR 19-02-038, § 51-50-1705, filed 12/26/18, effective 7/1/19; WSR 16-03-064, § 51-50-1705, filed 1/19/16, effective 7/1/16. Statutory Authority: RCW 19.27.031 and chapters 19.27 and 34.05 RCW. WSR 13-04-067, § 51-50-1705, filed 2/1/13, effective 7/1/13.]