

**1704.16 Special inspection for smoke control.** Smoke control systems shall be tested by a special inspector. [F]

**1704.16.1 Testing scope.** The test scope shall be as follows: [F]

1. During erection of ductwork and prior to concealment for the purposes of leakage testing and recording of device location.
2. Prior to occupancy and after sufficient completion for the purposes of pressure difference testing, flow measurements and detection and control verification.

**1704.16.2 Qualifications.** *Special inspection* agencies for smoke control shall have expertise in fire protection engineering, mechanical engineering and certification as air balancers. [F]

**1704.17 Through-penetration firestop systems, concealed draftstop and fireblock systems.** All through-penetration firestopping, draftstopping and fireblocking shall be subject to periodic special inspection prior to concealment to determine compliance with the approved construction documents. Listed systems shall be inspected for compliance with their listing.

**Exception:** Through-penetration firestop systems may be inspected in accordance with ASTM E 2174-04 when authorized by the registered design professional of record and when the contractor applies the procedures established in that standard.

## **SECTION 1705 STATEMENT OF SPECIAL INSPECTIONS**

**1705.1 General.** Where *special inspection* or testing is required by Section 1704, 1707 or 1708, the *registered design professional in responsible charge* shall prepare a statement of special inspections in accordance with Section 1705 for submittal by the applicant (see Section 1704.1.1).

**1705.2 Content of statement of special inspections.** The statement of special inspections shall identify the following:

1. The materials, systems, components and work required to have *special inspection* or testing by the *building official* or by the *registered design professional* responsible for each portion of the work.
2. The type and extent of each *special inspection*.
3. The type and extent of each test.
4. Additional requirements for *special inspection* or testing for seismic or wind resistance as specified in Section 1705.3, 1705.4, 1707 or 1708.
5. For each type of *special inspection*, identification as to whether it will be continuous *special inspection* or periodic *special inspection*.

**1705.3 Seismic resistance.** The statement of special inspections shall include seismic requirements for cases covered in Sections 1705.3.1 through 1705.3.5.

**Exception:** Seismic requirements are permitted to be excluded from the statement of special inspections for structures designed and constructed in accordance with the following: