

Sec. 415 Group H occupancies

Table 508.2 Determine if building contains any incidental use areas. The uses identified in Table 508.2 are considered as a portion of the occupancy in which they are located, but special conditions require that they be addressed in a more specific manner.

Sec. 508.2 Provide fire separation and/or fire-extinguishing system

6. Calculate occupant load of building and individual spaces within building. Although the primary use of an occupant load is in the design of the building's means of egress system, occupant load is also occasionally an important factor in occupancy classification, sprinkler system and fire alarm system requirements and plumbing fixture counts.

Chapter 10 Verify compliance with means of egress provisions. The anticipated occupant load is the basis for the design of the means of egress system. The egress elements must provide for a direct, continuous, obvious, undiminished and unobstructed path of travel from any occupiable point in the building to the public way.

- Sec. 1005.1 Egress width and distribution
- Sec. 1006.3 Emergency lighting
- Sec. 1007 Accessible means of egress
- Sec. 1008.1.2 Door swing
- Sec. 1008.1.8 Door operations
- Sec. 1008.1.9 Panic hardware
- Sec. 1009.1 Stairway width
- Sec. 1009.3 Stairway treads and risers
- Sec. 1011.1 Exit signs
- Sec. 1012 Stairway and ramp handrails
- Sec. 1013 Guards
- Sec. 1014.2 Egress through intervening spaces
- Sec. 1014.3 Common path of egress travel
- Sec. 1015.1 Number of exit or exit access doorways
- Sec. 1015.2 Egress separation
- Sec. 1016.1 Travel distance
- Sec. 1017.1 Corridor construction
- Sec. 1019 Number of exits
- Sec. 1020.1 Vertical exit enclosures
- Sec. 1021 Exit passageways
- Sec. 1022 Horizontal exits
- Sec. 1023 Exterior exit stairways
- Sec. 1024 Exit discharge
- Sec. 1025 Egress from assembly occupancies

7. Identify and evaluate fire-resistance-rated construction elements. Where fire-resistance-rated construction is mandated by other provisions of the code, the provisions of Chapter 7 identify the appropriate methods for gaining compliance.

Chapter 7 Verify compliance w/ details of fire resistance. The various elements of fire-resistance-rated construction are detailed, including walls, horizontal assemblies, shaft enclosures and the penetration of such elements by conduit, ducts, piping and other items.

- Sec. 704 Exterior walls
- Sec. 705 Fire walls
- Sec. 706 Fire barriers
- Sec. 708 Fire partitions
- Sec. 709 Smoke barriers
- Sec. 710 Smoke partitions
- Sec. 707 Shaft enclosures