**H-1 Occupancy**

*Buildings or structures that contain materials that presents a detonation hazard.*

- See Section 202 for definition of "Story above Grade Plane" and Section 502 for definition of "Building Height."
- See Section 505 for buildings containing mezzanines.
- See Section 506.2 for allowable area increases for adequate frontage.
- Fire walls are to be constructed in accordance with Section 706. See Section 706.1.1 for party walls.
- Based on Table 602, nonbearing exterior walls having a fire separation distance of at least 30 feet do not require a fire-resistance rating.
- See Section 705.5 for fire-resistance-rated construction requirements for exterior walls when considering fire separation distance.
- For protection of projections from exterior walls, see Sections 705.2 and 1406.3. For parapet requirements, see Section 705.11.
- For exterior wall requirements for buildings on the same lot, see Section 705.3.
- In Type I buildings, the fire-resistance ratings of the primary structural frame and interior bearing walls are permitted to be reduced by 1-hour when the frame/walls support a roof only (see Note a, Table 601).
- In other than Type IV construction, interior nonbearing walls and partitions require no fire-resistance rating per Table 601. For interior nonbearing partitions in Type IV construction, see Section 602.4.6.
- For use of combustible material in Type I and II construction, see Section 603.1.
- Heavy timber shall be permitted where 1-hour or less fire-resistant construction is required (see Note c, Table 601).
- In Type I and II construction, fire-retardant-treated wood shall be permitted as part of the roof system, except in Type I buildings greater than two stories with the uppermost story less than 20 feet in height (see Section 603.1, #25.3).
- See Table 1505.1, Note c, for roof coverings of wood shakes or shingles.
- See Table 803.9 for interior wall and ceiling finish requirements. For floor finishes, see Section 804.
- In buildings fewer than three stories in height, Class B interior finishes are permitted in exit enclosures of nonsprinklered buildings and Class C for sprinklered buildings. (see Table 803.9, Note a).
- See Table 508.2.5 for separation of incidental accessory occupancies.
- See Table 715.4 for opening protective fire-protection ratings.
- For the maximum area of unprotected and protect openings located in an exterior wall, use Equation 7-2 from Section 705.8.4.
- See Section 705.8.1, Exception 2 for permitted unlimited unprotected openings in buildings whose exterior walls and exterior primary structural frame are not required to be fire-resistance rated.
- An automatic sprinkler system shall be installed in all Group H occupancies (see Section 903.2.5.1).
- See the special fire separation distance requirements for buildings containing a Group H-1, H-2 or H-3 occupancy in Section 415.3.1.
- Section 415.4 restricts Group H-1 occupancies to a maximum of one story with no basement, crawl space or other under-floor space.
- No requirements for exterior wall and opening protection shall apply to Group H-1, H-2 and H-3 buildings required by Table 415.3.2 to be considered as detached storage. (see Section 415.3.2).
☐ Fire areas within a Group H-1, H-2 or H-3 occupancy are not granted a story increase nor an increase in height in feet due to the presence of an automatic sprinkler system (see Exception 2, Section 504.2).

☐ Group H-1, H-2 and H-3 occupancies are not permitted an allowable area increase for the installation of an automatic sprinkler system (see Exceptions 1 and 2, Section 506.3).

☐ In other than Group R-3 and U occupancies, an automatic sprinkler system shall be provided on windowless stories as set forth in Section 903.2.11.1.

☐ An automatic sprinkler system shall be installed in all buildings with a floor level having an occupant load of 30 or more located 55 feet or more above the lowest level of fire department vehicle access (see Section 903.2.11.3). See exceptions for airport control towers, open parking garages and Group F-2 occupancies.

☐ The use of this row is not permitted for H-1, H-2 or H-3 occupancies. (see Note i, Table 705.8) Protected openings are required for less than 30 feet fire separation distance.