

OCCUPANCY CLASSIFICATION AND USE

- buildings or areas conform to the requirements of Section 416 and the *International Fire Code*.
- Wholesale and retail sales and storage of flammable and combustible liquids in mercantile occupancies conforming to the *International Fire Code*.
 - Closed piping system containing flammable or combustible liquids or gases utilized for the operation of machinery or equipment.
 - Cleaning establishments that utilize combustible liquid solvents having a flash point of 140°F (60°C) or higher in closed systems employing equipment *listed* by an *approved* testing agency, provided that this occupancy is separated from all other areas of the building by 1-hour *fire barriers* constructed in accordance with Section 707 or 1-hour *horizontal assemblies* constructed in accordance with Section 711, or both.
 - Cleaning establishments that utilize a liquid solvent having a flash point at or above 200°F (93°C).
 - Liquor stores and distributors without bulk storage.

- Refrigeration systems.
- The storage or utilization of materials for agricultural purposes on the premises.
- Stationary storage battery systems installed in accordance with the *International Fire Code*.
- Corrosive personal or household products in their original packaging used in retail display.
- Commonly used corrosive building materials.
- Buildings and structures occupied for aerosol product storage shall be classified as Group S-1, provided that such buildings conform to the requirements of the *International Fire Code*.
- Display and storage of nonflammable solid and nonflammable or noncombustible liquid hazardous materials in quantities not exceeding the maximum allowable quantity per *control area* in Group M or S occupancies complying with Section 414.2.5.
- The storage of black powder, smokeless propellant and small arms primers in Groups M and R-3 and special industrial explosive devices in Groups B, F, M and S, provided such storage conforms to the

TABLE 307.1(1)
MAXIMUM ALLOWABLE QUANTITY PER CONTROL AREA OF HAZARDOUS MATERIALS POSING A PHYSICAL HAZARD^{a, j, m, n, p}

| MATERIAL | CLASS | GROUP WHEN THE MAXIMUM ALLOWABLE QUANTITY IS EXCEEDED | STORAGE ^b | | | USE-CLOSED SYSTEMS ^b | | | USE-OPEN SYSTEMS ^b | |
|--|--------------------------|---|---------------------------|--|-----------------------------|---------------------------------|---|-----------------------------|-------------------------------|--|
| | | | Solid pounds (cubic feet) | Liquid gallons (pounds) | Gas cubic feet at NTP | Solid pounds (cubic feet) | Liquid gallons (pounds) | Gas cubic feet at NTP | Solid pounds (cubic feet) | Liquid gallons (pounds) |
| Combustible dust | NA | H-2 | See Note q | NA | NA | See Note q | NA | NA | See Note q | NA |
| Combustible fiber ^d | Loose Baled ^o | H-3 | (100) (1,000) | NA | NA | (100) (1,000) | NA | NA | (20) (200) | NA |
| Combustible liquid ^{c, i} | II IIIA IIIB | H-2 or H-3 H-2 or H-3 NA | NA | 120 ^{d, e} 330 ^{d, e} 13,200 ^{e, f} | NA | NA | 120 ^d 330 ^d 13,200 ^f | NA | NA | 30 ^d 80 ^d 3,300 ^f |
| Cryogenic flammable | NA | H-2 | NA | 45 ^d | NA | NA | 45 ^d | NA | NA | 10 ^d |
| Cryogenic inert | NA | NA | NA | NA | NL | NA | NA | NL | NA | NA |
| Cryogenic oxidizing | NA | H-3 | NA | 45 ^d | NA | NA | 45 ^d | NA | NA | 10 ^d |
| Explosives | Division 1.1 | H-1 | 1 ^{c, g} | (1) ^{c, g} | NA | 0.25 ^g | (0.25) ^g | NA | 0.25 ^g | (0.25) ^g |
| | Division 1.2 | H-1 | 1 ^{c, g} | (1) ^{c, g} | | 0.25 ^g | (0.25) ^g | | 0.25 ^g | (0.25) ^g |
| | Division 1.3 | H-1 or H-2 | 5 ^{c, g} | (5) ^{c, g} | | 1 ^g | (1) ^g | | 1 ^g | (1) ^g |
| | Division 1.4 | H-3 | 50 ^{c, g} | (50) ^{c, g} | | 50 ^g | (50) ^g | | NA | NA |
| | Division 1.4G | H-3 | 125 ^{c, i} | NA | | NA | NA | | NA | NA |
| | Division 1.5 | H-1 | 1 ^{c, g} | (1) ^{c, g} | | 0.25 ^g | (0.25) ^g | | 0.25 ^g | (0.25) ^g |
| | Division 1.6 | H-1 | 1 ^{c, g} | NA | | NA | NA | | NA | NA |
| Flammable gas | Gaseous Liquefied | H-2 | NA | NA (150) ^{d, e} | 1,000 ^{d, e} NA | NA | NA (150) ^{d, e} | 1,000 ^{d, e} NA | NA | NA |
| Flammable liquid ^c | IA IB and IC | H-2 or H-3 | NA | 30 ^{d, e} 120 ^{d, e} | NA | NA | 30 ^d 120 ^d | NA | NA | 10 ^d 30 ^d |
| Flammable liquid, combination (IA, IB, IC) | NA | H-2 or H-3 | NA | 120 ^{d, e, h} | NA | NA | 120 ^{d, h} | NA | NA | 30 ^{d, h} |

(continued)