

**414.5.2 Monitor control equipment.** Monitor control equipment shall be provided where required by the *UAE Fire & Life Safety Code of Practice* [F]

**414.5.3 Automatic fire detection systems.** Group H occupancies shall be provided with an automatic fire detection system in accordance with Section 907.2. [F]

**414.5.4 Standby or emergency power.** Where mechanical ventilation, treatment systems, temperature control, alarm, detection or other electrically operated systems are required, such systems shall be provided with an emergency or standby power system in accordance with Chapter 27. [F]

**Exceptions:**

1. Mechanical ventilation for storage of Class IB and Class IC flammable and combustible liquids in closed containers not exceeding 6.5 gallons (25 L) capacity.
2. Storage areas for Class 1 and 2 oxidizers.
3. Storage areas for Class II, III, IV and V organic peroxides.
4. Storage, use and handling areas for asphyxiant, irritant and radioactive gases.
5. For storage, use and handling areas for *highly toxic* or *toxic* materials, see Sections 3704.2.2.8 and 3704.3.4.2 of the *Abu Dhabi International Fire Code* and the equivalent provisions of the *UAE Fire & Life Safety Code of Practice*.
6. Standby power for mechanical ventilation, treatment systems and temperature control systems shall not be required where an *approved* fail-safe engineered system is installed.

**414.5.5 Spill control, drainage and containment.** Rooms, buildings or areas occupied for the storage of solid and liquid hazardous materials shall be provided with a means to control spillage and to contain or drain off spillage and fire protection water discharged in the storage area where required in the *Abu Dhabi International Fire Code*. The methods of spill control shall be in accordance with the *UAE Fire & Life Safety Code of Practice*

**414.6 Outdoor storage, dispensing and use.** The outdoor storage, dispensing and use of hazardous materials shall be in accordance with *UAE Fire & Life Safety Code of Practice*.

**414.6.1 Weather protection.** Where weather protection is provided for sheltering outdoor hazardous material storage or use areas, such areas shall be considered outdoor storage or use when the weather protection structure complies with Sections 414.6.1.1 through 414.6.1.3. [F]

**414.6.1.1 Walls.** Walls shall not obstruct more than one side of the structure. [F]

**Exception:** Walls shall be permitted to obstruct portions of multiple sides of the structure, provided that the obstructed area does not exceed 25 percent of the structure's perimeter.

**414.6.1.2 Separation distance.** The distance from the structure to buildings, *plot lines*, *public ways* or *means of egress* to a *public way* shall not be less than the distance required for an outside hazardous material storage or use area without weather protection. [F]