

415.6.1.2 Grinding rooms. Every room or space occupied for grinding or other operations that produce combustible dusts shall be enclosed with *fire barriers* constructed in accordance with Section 707 or *horizontal assemblies* constructed in accordance with Section 712, or both. The minimum *fire-resistance rating* shall be 2 hours where the area is not more than 3,000 square feet (279 m²), and 4 hours where the area is greater than 3,000 square feet (279 m²). [F]

415.6.1.3 Conveyors. Conveyors, chutes, piping and similar equipment passing through the enclosures of rooms or spaces shall be constructed dirt tight and vapor tight, and be of *approved* noncombustible materials complying with Chapter 30. [F]

415.6.1.4 Explosion control. Explosion control shall be provided as specified in the *UAE Fire & Life Safety Code of Practice*, or spaces shall be equipped with the equivalent mechanical ventilation complying with the *Abu Dhabi International Mechanical Code*. [F]

415.6.1.5 Grain elevators. Grain elevators, malt houses and buildings for similar occupancies shall not be located within 30 feet (9144 mm) of interior *plot lines* or structures on the same plot, except where erected along a railroad right-of-way. [F]

415.6.1.6 Coal pockets. Coal pockets located less than 30 feet (9144 mm) from interior *plot lines* or from structures on the same plot shall be constructed of not less than Type IB construction. Where more than 30 feet (9144 mm) from interior *plot lines*, or where erected along a railroad right-of-way, the minimum type of construction of such structures not more than 65 feet (19 812 mm) in *building height* shall be Type IV. [F]

415.6.2 Flammable and combustible liquids. The storage, handling, processing and transporting of flammable and combustible liquids in Groups H-2 and H-3 occupancies shall be in accordance with Sections 415.6.2.1 through 415.6.2.10, the *Abu Dhabi International Mechanical Code* and the *UAE Fire & Life Safety Code of Practice*

415.6.2.1 Mixed occupancies. Where the storage tank area is located in a building of two or more occupancies and the quantity of liquid exceeds the maximum allowable quantity for one *control area*, the use shall be completely separated from adjacent occupancies in accordance with the requirements of Section 508.4. [F]

415.6.2.1.1 Height exception. Where storage tanks are located within a building no more than one *story above grade plane*, the height limitation of Section 503 shall not apply for Group H. [F]

415.6.2.2 Tank protection. Storage tanks shall be noncombustible and protected from physical damage. *Fire barriers* or *horizontal assemblies* or both around the storage tank(s) shall be permitted as the method of protection from physical damage. [F]

415.6.2.3 Tanks. Storage tanks shall be *approved* tanks conforming to the requirements of the *UAE Fire & Life Safety Code of Practice* **415.6.2.4 Suppression.** Group H shall be equipped throughout with an *approved automatic sprinkler system*, installed in accordance with Section 903. [F]