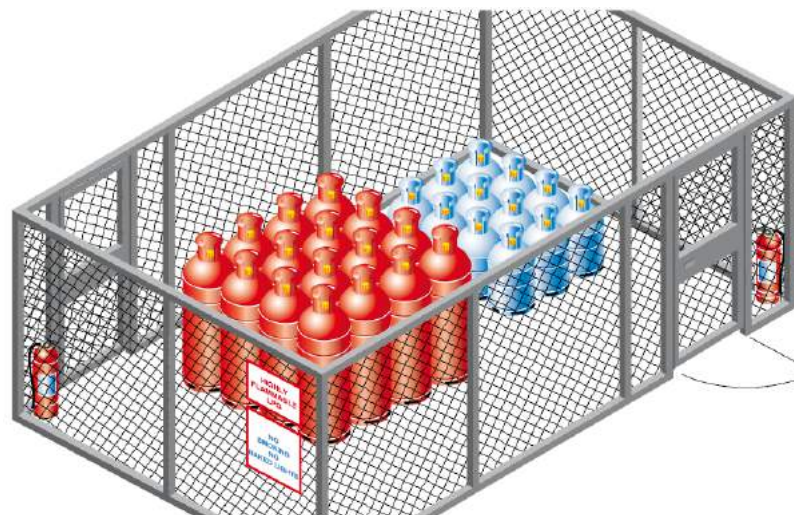


Table 12.5.: Safe Storage and Handling Practices

ITEMS	REQUIREMENTS
2. EXPLOSIVE MATERIALS	<p>1. STORAGE AND HANDLING</p> <ul style="list-style-type: none"> i. The storage, handling, and use of explosive materials shall be in accordance with NFPA 495, Explosive Materials Code and 'Code of Practice for the Management of Dangerous Goods in the Emirates' issued by Dubai Municipality. ii. All blasting operations shall be under the direct supervision of an individual who is legally licensed to use explosives and who possesses the required permits.
3. COMBUSTIBLE MATERIALS	<ul style="list-style-type: none"> i. Combustible construction materials shall be stored a minimum of 6m from buildings under construction or undergoing remodel, except for <ul style="list-style-type: none"> a. Materials that are staged for installation on a floor level. b. When approved by the Civil Defence, materials may be stored in parking garages of Type I construction if the automatic fire sprinkler system is in service and vertical openings are protected. ii. Wood, cardboard, packing material, forms lumber and similar combustible debris shall not be accumulated within buildings. Such debris, rubbish and waste material shall be removed from buildings on a daily basis. iii. Oily rags and similar material shall be stored in metal or other approved containers equipped with tight fitting covers.
4. COMPRESSED GASES	<p>1. STORAGE AND HANDLING</p> <ul style="list-style-type: none"> i. Combustible materials shall be kept a minimum of 3m from gas containers. ii. Cylinders shall be protected against physical damage. iii. Cylinders shall be stored upright and secured to prevent falling. iv. Cylinders shall not be placed near elevators, unprotected platform edges or other areas where they drop more than 0.61m. v. Cylinders shall not be placed in areas where they may be damaged by falling objects. vi. When cylinders are not in use, valve protective caps shall be in place. vii. Ropes, chains or slings shall not be used to suspend gas cylinders, unless the cylinder was manufactured with appropriate lifting attachments. viii. When stored, gas cylinders shall be separated from each other based on their hazard classes. ix. Gas cylinders shall be marked with the name of the contents.



SAFE STORAGE PRACTICE OF COMPRESSED GAS CYLINDERS FOR ILLUSTRATION