

Table 3.22.: Healthcare, Group A, B. (Hospitals and Clinics)

ITEMS	REQUIREMENTS
9. HAZARDOUS AREA SEPARATION	<ul style="list-style-type: none"> i. Boiler and Heater rooms shall be separated by fire barriers having 1 hour fire resistance rating. ii. Bulk and central Laundry shall be separated by fire barriers having 1 hour fire resistance rating. iii. Plant maintenance, paint shops shall be separated by fire barriers having 1 hour fire resistance rating. iv. Soiled linen rooms with more than 64 gal (242 L) of soiled linen shall be separated by fire barriers having a 1-hour fire resistance rating. v. Garbage rooms shall be separated by fire barriers having 1 hour fire resistance rating. vi. storage rooms larger than 9.3 m² shall be separated by fire barriers having 1 hour fire resistance rating. vii. Medical gas rooms shall be 1 hour fire rated enclosure with 1 hour fire door.
10. MEDICAL GAS	<ul style="list-style-type: none"> i. Only gas cylinders, reusable shipping containers, and their accessories shall be permitted to be stored in closed rooms containing central supply systems or gas cylinders ii. No flammable materials, cylinders containing flammable gases, or containers containing flammable liquids shall be stored in rooms with medical gas cylinders. iii. Cylinders not in use shall have their valve protection caps secured tightly in place. iv. Cylinders containing compressed gases and containers for volatile liquids shall be kept away from radiators, steam piping, and sources of heat. v. Gas storage room locations shall be chosen to permit access by delivery vehicles and management of cylinders such that proximity to loading docks, access to elevators etc. are taken into consideration. vi. Indoor locations for oxygen, nitrous oxide, and mixtures of these gases shall not be exposed to: <ul style="list-style-type: none"> a. Areas involved in critical patient care b. Anesthetizing locations c. Locations storing flammables d. Rooms containing open electrical contacts or transformers e. Storage tanks for flammable or combustible liquids f. Kitchens g. Engines vii. Medical gas rooms shall be provided with mechanical ventilation to prevent accumulation of gases. viii. Cylinders, whether full or empty, shall not be stored in enclosures containing medical air compressor sources and medical vacuum supply systems. ix. Oxygen bulk units and storage shall be 3 m away from parking, public sidewalk, doors and windows. x. Oxygen bulk units and storage shall be 15 m away from patient areas and public assembly points. xi. Oxygen bulk units and storage shall be 7.6 m away from flammable liquids, gases and material tanks. xii. Medical gas Piping shall be in shafts and shall not be installed in kitchens, elevator shafts, elevator machine rooms, areas with open flames, electrical service equipment over 600 volts.