

Inflammable Gases Regulations 1962

GN 32/1962

21st April

Regulations made by the Governor under Section 3 of the Inflammable Liquids and Substances Ordinance, 1932

1. These Regulations may be cited as the Inflammable Gases Regulations, 1962.

2. In these Regulations, unless the context otherwise requires

"bulk-store" means any building or structure, or part of a building or structure, which is used or intended to be used for the storage of inflammable gases in bulk

"controller" means the Controller Fire Services or any person authorised by him to act on his behalf;

"certificate of registration" means a certificate issued by the Controller authorising any person to use the premises therein specified for the storage of inflammable gases

"cylinder" means any container used for the conveyance or storage of gas up to a maximum capacity of one English ton ,

"gas in bulk" means liquid petroleum gas contained in a receptacle, the water capacity of which exceeds five hundred gallons ;

"inflammable gas" or "gas" means any liquid gas made or derived from petroleum;

"storage shed" means any building or structure adapted to receive gas in cylinders in excess of 3,300 lbs in weight

"store" means any building or structure, or part of a building or structure, which is used or intended to be used for the storage of gas in cylinders, petroleum installations excepted.

"tank" means a metal tank of adequate strength for the use intended, used or intended to be used for the storage of gas in bulk, the water capacity of which exceeds five hundred gallons.

3. No person shall store gas in bulk in a bulk store or in cylinders in a store unless he holds a certificate of registration issued by the Controller

Provided that a certificate of registration shall not be required by a person storing in cylinders gas intended for his own household use or that of his domestic employees, or for commercial or industrial use provided that the weight of gas does not exceed one thousand pounds.

4. No certificate of registration shall be issued in respect of a bulk store until the following have been approved by the Controller, that is to say-

- (a) the general installation lay-out;
- (b) the elevation, plan and sections of tanks and foundations;
- (c) the material of which the tanks are to be constructed;
- (d) the water capacity of the tanks;
- (e) the fire appliances to be installed.

5. A certificate of registration shall be issued in respect of a store or storage shed only if it has been built to a design approved by the Controller namely

- (a) Where the weight of the gas in cylinders to be stored exceeds 1,000 lbs but does not exceed 3,300 lbs the gas in cylinders may be stored in a storeroom attached to any commercial or industrial premises but not domestic premises :

Provided that such a storeroom shall

- (i) be constructed of stone, brick, concrete or other approved fire-resisting material ;
- (ii) have a door in an outside wall thereof which shall be so constructed as to open outwards ;
- (iii) have adequate ventilation provided at the top and bottom of in outside wall ;
- (iv) in no case have any door or ventilation in an inside wall between the storeroom and the premises to which it is attached.

- (b) Where the weight of gas in cylinders exceeds 3,300 lbs the cylinders shall be stored in a storage shed separate from any other buildings and at the following distances therefrom :-

- (i) when the weight of the gas exceeds 3,300 lbs but does not exceed 6,600 lbs ... 15 feet

- (ii) when the weight of the gas exceeds 6,600 lbs but does not exceed 9,900 lbs 25

- (iii) where the weight of gas exceeds 9,900 lbs 50

and storage sheds shall-

- (i) be constructed of stone, brick, concrete or other approved fire-resisting material and shall have a solid floor of similar material
- (ii) be so constructed that any door thereof opens outwards;
- (iii) have adequate ventilation provided at the top and bottom of the walls thereof.

(c) No other matter or substance shall be placed in a storage shed with cylinders containing gas; no valve of any cylinder containing gas shall be opened in a storage shed and no other work shall be permitted or carried on within a storage shed unless the area is separated by a properly constructed wall.

6. A certificate of registration may with the approval in writing of the Controller be transferred from one person to another.

Amended by [GN No. 83 of 1962]

7. The fee specified in the Schedule, shall be paid on the issue and the yearly renewal of any certificate of registration.

Amended by [GN No. 293 of 1980]; [GN No. 66 of 2003]

8. No cylinder shall be used unless it is designed and constructed according to British Standards or other Standards approved by the Controller.

9. Every cylinder shall be clearly marked with the following particulars:-

- (a) the nature of the gas therein;
- (b) the water capacity thereof ;
- (c) the name (trade mark) of the owner.

10. The working or internal pressure of any cylinder shall not exceed 400 lbs to the square inch.

11. The liquid portion of gas contained in any cylinder shall not occupy more than 95 per cent of the capacity of the cylinder at 65°C (149°F).

12. (1) The valve of a cylinder used for the conveyance or storage of gas shall, whether the cylinder has been filled or is empty, be protected against damage either by the design of the cylinder or the provision of a stout cap or cover, securely attached to the body of the cylinder.

(2) Any such cap or cover shall be so attached that it is nowhere in actual contact with any vulnerable (or working) part of the valve or its fittings.

(3) Every such cap or cover shall be constructed with a vent or a release valve of such size as to prevent any gas pressure inside the cap or cover.

13. (a) Before filling, every container shall be inspected to ensure that it is in sound condition and that all working parts thereon are in good order.

(b) Damaged containers shall be completely evacuated of liquid and gas-freed, after which repairs shall be carried out outside the restricted area. On completion of such repairs all containers shall be subjected to a pressure test before re-use.

(c) After filling, all containers and components thereof shall be tested for gas tightness in the approved manner.

14. Cylinders shall be filled only in bulk stores in respect of which a certificate of registration has been issued:

Provided that this regulation shall not apply where the capacity of cylinders to be filled does not exceed 10 lbs.

15. No person shall use as such or cause or permit to be used as such any bulk store, unless and until the words " DANGER-No SMOKING" In letters not less than three inches in height are clearly painted on the outer face of the door of such a store.
16. (1) Subject to paragraph (2), no person shall transport gas by road unless he has been issued a permit by the Controller and paid the fee specified in the Schedule.

(2) Paragraph (1) shall not apply where the gas is carried in cylinders and the weight of the gas does not exceed 500 kg.

Amended by [GN No. 66 of 2003]

17. Where gas in bulk is carried by a motor vehicle-
 - (a) the vehicle shall not remain stationary for a longer period than is necessary ;
 - (b) the vehicle shall be constantly attended by at least one person
 - (c) the vehicle shall carry a 201b dry powder fire extinguisher-;
 - (d) no person shall smoke or strike a match while in or near the vehicle;
 - (e) no gas shall be unloaded or discharged from the vehicle between the hours of sunset and sunrise;
 - (f) no gas shall be unloaded or discharged from a vehicle while the engine is running unless the vehicle is a licensed vehicle fitted with power take-off and pump;
 - (g) No unauthorised passenger shall be carried on the vehicle.
18. Where gas in cylinders is carried by a motor vehicle;
 - (a) the cylinders shall be adequately secured in the vehicle and so stowed that no part of any cylinder projects over the edge of the vehicle
 - (b) no corrosive liquids shall be carried on the vehicle
 - (c) a maximum weight of 1,000 lbs of liquid gas in cylinders may be transported on bulk oil lorries.
19. The Controller may, for any purpose connected with the carrying out of the provisions of these regulations, enter upon any premises and make such examination and enquiry as he may deem necessary.
20. If any person contravenes or fails to comply with any of the provisions of these regulations he shall be guilty of an offence and shall be liable, on conviction, to a fine not exceeding one thousand rupees.

21. These Regulations shall come into force on the twenty-first day of April, one thousand nine hundred and sixty two.

SCHEDULE
(regulations 7 & 16)

Fees	Yearly Rs
1. For the issue of a certificate of registration for the Storage of liquid petroleum gas exceeding 500 kg	250
2. For the renewal of the certificate of registration for the storage of liquid petroleum gas exceeding 500 kg	250
3. For a permit to transport gas by road-	
(a) Bulk carrier	200
(b) Lorry and van	100

Amended by [GN No. 66 of 2003]