1970. No. 249 [C]

PETROLEUM

Carbon Disulphide (Conveyance by Road)

REGULATIONS, DATED 24TH SEPTEMBER 1970, MADE BY THE MINISTER OF HOME AFFAIRS UNDER SECTION 6 OF THE PETROLEUM (CONSOLIDATION) ACT (NORTHERN IRELAND) 1929 AS APPLIED BY THE PETROLEUM (CARBON DISULPHIDE) ORDER (NORTHERN IRELAND) 1970 MADE UNDER SECTION 19 THEREOF.

I, Major the Right Honourable James Dawson Chichester-Clark, Minister of Home Affairs for Northern Ireland, in exercise of the powers conferred on me by Section 6 of the Petroleum (Consolidation) Act (Northern Ireland) 1929(a) as applied by the Petroleum (Carbon Disulphide) Order (Northern Ireland) 1970(b) do hereby make the following Regulations:—

PART I

GENERAL

Citation and Commencement

1. These Regulations may be cited as the Carbon Disulphide (Conveyance by Road) Regulations (Northern Ireland) 1970 and shall come into operation on 1st October 1970.

Interpretation

2.—(1) In these Regulations:—

"carrying tank" means the tank or, if there is more than one, tanks on a tank wagon designed for conveyance and does not include a fuel tank;

"conveyance" has the meaning assigned to it by paragraph 1 of Regulation 3 and "conveyed" and "conveying" shall be construed accordingly;

"fuel tank" means a tank which is designed for carrying fuel for use in the propulsion of a vehicle.

(2) A carrying tank or a compartment of a carrying tank shall be deemed not to exceed any specified capacity if it exceeds that capacity by reason only that it is so constructed that it would contain the volume of carbon disulphide which would fill a container of said capacity with a reasonable margin to allow for the expansion of the carbon disulphide in the event of a rise in temperature.

Application

3.—(1) These Regulations shall apply in relation to the conveyance of carbon disulphide by road, and hereafter in these Regulations the expression "conveyance" means such conveyance as aforesaid.

(2) Except in the case of a tank wagon, these Regulations shall not apply in relation to conveyance—

(a) 20 Geo. 5. c. 13 (N.I.). (b) S.R. & O. (N.I.) 1970, No. 209.

(*a*) if the quantity of carbon disulphide conveyed on any one vehicle does not exceed 28 pounds (12·7006 kilogrammes), and

(*b*) if the weight of carbon disulphide in any single container other than a metal one does not exceed 7 pounds (3·17515 kilogrammes).

General safety precautions

4. Every person engaged in the conveyance, and the loading and unloading in connection with conveyance, of carbon disulphide shall observe all precautions necessary for preventing fire or explosion.

5. Every person engaged in the conveyance, and the loading and unloading in connection with conveyance, of carbon disulphide shall secure so far as is reasonably possible that no carbon disulphide is allowed to escape into any sewer or drain.

6. A person while on or attending any vehicle conveying carbon disulphide shall not smoke.

7.—(1) No fire or artificial light capable of igniting inflammable vapour shall be allowed on any vehicle conveying carbon disulphide, and no explosive substance or any substance or article capable of causing fire or explosion shall be carried on such vehicle.

(2) Nothing in this Regulation shall apply to the carriage of petroleum-spirit or other fuel for use only in the propulsion of the vehicle.

8. A suitable and efficient fire extinguisher shall be carried in an easily accessible position on any vehicle conveying carbon disulphide.

9.—(1) Every vehicle while engaged in conveyance shall, except while halted at a place for the time being approved for the purpose by the local authority empowered under the Petroleum (Consolidation) Act (Northern Ireland) 1929 to grant petroleum-spirit licences in the area in which that place is situated, be constantly attended by the driver or some other competent person of not less than 18 years of age.

(2) A person shall be regarded as in attendance on a vehicle if he is in close proximity thereto.

PART II

CONVEYANCE IN TANK WAGONS

10. Any tank wagon used for conveyance shall comply with the provisions contained in the First Schedule and, together with its connections and fittings, shall be maintained in good condition.

11. Any opening for filling or emptying the carrying tank of a tank wagon shall at all times during conveyance be kept securely closed and the covers thereof kept locked.

12. During the operation of filling or emptying the carrying tank of a tank wagon the vehicle shall be constantly attended by the driver thereof or by some other competent person of not less than 18 years of age, and the person attending shall secure that the following precautions are observed, that is to say:—

(*a*) the engine of the tank wagon shall be stopped the whole time that the operation of filling or emptying is proceeding and shall not be run until the carrying tank of the tank wagon and any tank into which carbon disulphide is being delivered, or from which any carbon disulphide is being taken, has been securely closed, and

(*b*) adequate provision shall be made to prevent the accumulation of a dangerous static charge of electricity.

13. No equipment or other article shall be placed in the space required by paragraph 3 of the First Schedule to be between the carrying tank of a tank wagon and the fire resisting shield required to be provided by sub-paragraph (*b*) of paragraph 2 of the said Schedule and the said space shall be kept clear and unobstructed.

14. The cover for the valve for the attachment of the pressure pipe required to be fitted by sub-paragraph (2) of paragraph 7 of the First Schedule shall at all times, except during the operation of emptying the carrying tank, be kept closed and locked, and the keys shall be retained by the driver or another responsible person.

15. No carbon disulphide shall be conveyed on any tank wagon except in the carrying tank of the vehicle.

16. A carrying tank shall not be filled with carbon disulphide except so as to leave empty a space of at least six per cent. of the capacity of the tank.

17. No trailer shall be attached to any tank wagon during conveyance.

PART III

CONVEYANCE ON VEHICLES OTHER THAN TANK WAGONS

18. In this Part the expression "vehicle" does not include a tank wagon.

19. Carbon disulphide shall not be conveyed on any vehicle unless it is in—

(*a*) iron or mild steel containers not exceeding 50 gallons (227·3 litres) in capacity, constructed in accordance with the provisions of the Second Schedule maintained in good condition and securely closed so as to prevent leakage, or

(*b*) glass or earthenware containers stoppered and hermetically sealed, each containing not more than 5 pints (2·84 litres) of carbon disulphide, each bottle being securely packed in a strong wooden case in sawdust, kieselguhr or other suitable material and being separated from any other bottle by wooden partitions, the wooden case containing not more than a total of 3 gallons (13·638 litres) of carbon disulphide.

20. A container shall not be filled with carbon disulphide except so as to leave empty a space of at least 7½ per cent. of the capacity of the container.

21.—(1) Iron or steel containers shall be carried on any vehicle with the bung uppermost.