1940. No. 72.

WHEREAS the Ministry of Home Affairs, in exercise of the powers vested in the Ministry under and by virtue of the Locomotives on Highways Act, 1896, the Government of Ireland Act, 1920, and the Motor Vehicles and Road Traffic Acts (Northern Ireland), 1926 to 1934, made Regulations entitled The Motor Cars (Use and Construction) Regulations, 1934 (hereinafter referred to as "the principal regulations"):

AND WHEREAS it is expedient to amend the principal regulations in manner hereinafter appearing:

NOW, THEREFORE, the Ministry of Home Affairs, in exercise of the powers vested in the Ministry by the Motor Vehicles and Road Traffic Acts (Northern Ireland), 1926 to 1934, and of all other powers in this behalf thereunto enabling the Ministry, hereby makes the following Regulations amending the principal regulations, that is to say:—

**1.**—Article 3 of the principal regulations shall have effect as if—

Gas Cylinder

(i) the following definitions were substituted for the corresponding definitions contained therein:—

"Gas Cylinder" means a container fitted to a motor car or a trailer and intended for the storage of compressed gas for the purpose of the propulsion of the vehicle or the drawing vehicle as the case may be.

Pipe Line.

"Pipe Line" means all pipes connecting a gas container or containers—

(*a*) to the engine or the mixing device for the supply of a mixture of gas and air to the engine, and

(*b*) to the filling point on the vehicle, and

(ii) the following additional definitions were inserted therein:—

Gas.

"Gas" means any fuel that is wholly gaseous at 60° Fahrenheit under a pressure of 30 inches of mercury.

Gas Equipment.

"Gas Equipment" means a container or containers for holding, or plant and materials for producing gas.

Gas Trailer.

"Gas trailer" means a trailer used solely for the carriage of gas equipment for the purpose of the propulsion of the drawing vehicle.

Gas Containe .

"Gas container" means a container fitted to a motor car or a trailer and intended for the storage of gas for the purpose of the propulsion of the vehicle or the drawing vehicle as the case may be.

" Compressed gas " means gaseous fuel under a pressure exceeding 15 lbs. per square inch above atmospheric pressure. Compressed Gas.

" Pressure pipe line " means any part of a pipe line intended for the conveyance of compressed gas. Pressure Pipe Line.

**2.**—Article 49 of the principal regulations shall be read and have effect as though the following were added thereto as a proviso :—

" Provided that in the case of a trailer drawn by a motor tractor or heavy motor car which is propelled by gas, the sum of the weights transmitted to the road surface by all the wheels of the trailer and the drawing vehicle may equal but shall not exceed 23 tons."

**3.**—The following article shall be substituted for article 50 of the principal regulations :—

" **50.**—In the case of a heavy motor car the weight transmitted to the road surface by any one wheel where no other wheel is in the same line transversely shall not exceed 4 tons, the weight so transmitted by any two wheels in line transversely shall not exceed 8 tons, and the sum of the weights so transmitted by all the wheels shall not exceed, in the case of a vehicle with not more than four wheels, 12 tons, in the case of a vehicle with more than four wheels but not more than six wheels, 19 tons, and in the case of a vehicle with more than six wheels, 22 tons : Laden weight of heavy motor car.

Provided that in the case of a heavy motor car carrying gas equipment for the purpose of its propulsion—

(i) the sum of the weights transmitted to the road surface by all the wheels of the vehicle may equal but shall not exceed—

(*a*) in the case of a vehicle with not more than four wheels, $12\frac{3}{4}$ tons,

(*b*) in the case of a vehicle with more than four but not more than six wheels, 20 tons, and

(*c*) in the case of a vehicle with more than six wheels, 23 tons ; and

(ii) the weight transmitted to the road surface by any two wheels in line transversely may equal but shall not exceed $8\frac{3}{4}$ tons.

**4.**—Article 51 of the principal regulations shall be read and have effect as though the following were added thereto as an additional proviso :—

" Provided further that in the case of a two-wheeled trailer forming part of an articulated vehicle carrying gas equipment for the purpose of its propulsion, the weight transmitted to the road surface by the wheels of the trailer may equal but shall not exceed $8\frac{3}{4}$ tons if all the wheels of the articulated vehicle are equipped with pneumatic tyres and the total weight transmitted to the road surface by all the wheels of the articulated vehicle does not exceed 20 tons."

**5.**—Article 61 of the principal regulations shall be read and have effect as though the following were added thereto as an additional proviso :—

" Provided further that this Regulation shall not apply in the case of a motor car which is propelled by gas produced in a plant carried on the motor car or on a trailer drawn by the motor car."

**6.**—Article 68 of the principal regulations shall be read and have effect as though the following words were added thereto :—

" other than a gas trailer."

**7.**—The following shall be substituted for Part III of the principal regulations :—

PART III.

*Equipment of Vehicles propelled by gas.*

Gas Container.

" **73.**—Every gas cylinder or container shall—

(1) be securely attached to the vehicle in such manner as not to be liable to displacement or damage due to vibration or other cause; and

(2) be so placed or insulated as not to be adversely affected by the heat from the exhaust system.

Pipe Line.

" **74.**—(1) Every pipe line shall be supported in such manner as to be protected from excessive vibration and strain.

(2) No part of a pipe line shall be in such a position that it may be subject to undue heat from the exhaust system.

(3) Every pressure pipe line shall be made of steel solid drawn.

(4) The maximum unsupported length of a pressure pipe line shall not exceed 3 feet.

Unions.

" **75.**—(1) Every union shall be so constructed and fitted that it will—

(*a*) not be liable to work loose or develop leakage when in use; and