OFFICIAL MEXICAN STANDARD
NOM-023-SCT2/1994
TECHNICAL INFORMATION TO BE CONTAINED BY THE PLATE TO BE DISPLAYED BY TANK TRUCKS, INTERMEDIATE BULK CONTAINERS (IBC's) AND PACKAGES WITH A CAPACITY OF OVER 450 LITERS WHICH CARRY HAZARDOUS MATERIALS AND WASTES.

1.- PURPOSE

The purpose of this Official Mexican Standard is to set forth which type of information must be contained by the identification plates to be displayed by the units intended for the land transport of hazardous substances, materials and wastes.

2.- SCOPE

This Official Mexican Standard is compulsory for the manufacturers of tank truck, intermediate bulk metal receptacles (IBCs), or larger-capacity packages (to 500 liters) capable of withstanding a pressure greater than the atmospheric pressure, as well as the companies or workshops responsible for their repair of modification, together with the carriers of hazardous substances, materials and wastes.

3.- REFERENCES.

For the correct implementation of this Official Mexican Standard, it shall be necessary to consult the following Official Mexican Standards:

NOM-020-SCT2/1995	GENERAL REQUIREMENTS FOR THE DESIGN AND CONSTRUCTION OF TANK TRUCKS INTENDED FOR THE TRANSPORT OF HAZARDOUS MATERIALS AND WASTES. SPECIFICATIONS SCT 306, SCT 307 AND SCT 312.
NOM-030-SCT2/1994	SPECIFICATIONS AND CHARACTERISTICS FOR THE CONSTRUCTION AND RECONSTRUCTION OF TANK-CONTAINERS INTENDED FOR THE MULTIMODAL TRANSPORT OF REFRIGERATED LIQUEFIED GASES.

NOM-032-SCT2/1995	SPECIFICATIONS AND CHARACTERISTICS FOR THE CONSTRUCTION OF TANK-CONTAINERS INTENDED FOR THE MULTIMODAL TRANSPORT OF MATERIALS OF CLASSES 3, 4, 5, 6, 7, 8, 9.
NOM-046-SCT2/1995	CHARACTERISTICS AND SPECIFICATIONS WHICH MUST BE COMPLIED WITH FOR THE CONSTRUCTION OF TANK-CONTAINERS INTENDED FOR THE MULTIMODAL TRANSPORT OF NON-REFRIGERATED PRESSURIZED LIQUEFIED GASES.

4.- DEFINITIONS

Tank Truck: A tank-type vehicular unit with special specifications, intended for the transport of hazardous materials and wastes mainly in liquid or gas form includ[ing] accessories, stiffeners, iron fittings and closures. It is permanently connected to, or forms part of, a motor vehicle, or it is not permanently connected to a motor vehicle but may, by virtue of its size, construction or connection to a motor vehicle, be loaded or unloaded without being separated from the motor vehicle.

Tank-containers: A tank whose shell is fitted with all the service elements and structural elements which are necessary for the transport of hazardous materials and wastes. The tank-container must be capable of being loaded and unloaded without any need to disassemble its structural elements; it must have stabilizing elements external to the shell; and it must be capable of being lifted once it is filled up.

Metal Intermediate Bulk Container: A portable, rigid package and packaging, which is made of metal and designed for mechanical handling.

Packing: A receptacle and all the other necessary elements or materials, which is intended to contain substances, including any closure device.

5.- SPECIFICATIONS.

5.1 Any tank truck, tank-container, metal intermediate bulk container (IBC), or package with a capacity greater than 450 liters (0,45 M^3), that find themselves subjected to a pressure greater than the atmospheric pressure, must display a metal identification plate which is corrosion-resistant, permanently affixed, and in an accessible place so as to permit inspection; therefore,

it shall be necessary to verify that the unit carrying hazardous materials or wastes displays its respective plate.

5.2 The identification marks of the plate must be stamped by die or by any similar method which ensures its long duration, in characters at least 3 mm high.

5.3 The plate must contain the following indications:

a) Name of manufacturer or corporate name.

b) Manufacturing serial number.

c) Place and date of manufacture.

d) Date of manufacturer's test.

e) Date of certification.

f) Design pressure in Kg/Cm^2 (Lb/In^2).

g) Test pressure in Kg/Cm^2 (Lb/In^2).

h) Maximum allowable working pressure in Kg/Cm^2 (Lb/In^2).

i) Range of metal design temperature in °C (°F).

j) Material of the heads.

k) Material of the shell.

l) Material for the lining (if any).

m) Total volumetric capacity in liters (gal.); in the case of the unit divided into compartments, the specification goes by compartment from the front to the rear.

n) Maximum allowed load Kg (Lbs).

o) Corrosion margin in mm (Inch).

p) Thickness of wall (Mm) (Inch).

q) Insulation for oxygen service or "The use of oxygen is prohibited," as the case may be.

r) Country of manufacture.

5.4 Any receptacle of the type referred to in the "Scope" section of this standard, and which has undergone a repair, must display another plate in accordance with sections 5.1 and 5.2, with the following specifications:

a) Corporate name of repairing entity.

b) Repair number.

c) Date of repair.

d) Certification date.

5.5 In the event that the tank truck, metal intermediate bulk receptacle or package is modified in any way, it must bear another plate in accordance with paragraphs 5.1 and 5.2 with the following indications:

a) Corporate name of entity having effected the modification.

b) Modification number.

c) Maximum allowable working pressure in Kg/Cm² (Lb/In²) at EC (EF).

d) Date of modification.

e) Date of certification.

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