

OFFICIAL MEXICAN STANDARD
NOM-019-SCT2/1994
"GENERAL PROVISIONS FOR THE CLEANUP AND CONTROL OF
RESIDUES OF HAZARDOUS MATERIALS AND WASTES
IN UNITS WHICH CARRY HAZARDOUS
MATERIALS AND WASTES."

1. PURPOSE.

The purpose of this Official Mexican Standard is to set forth the general provisions for the cleanup and control of residues in the units which carry hazardous materials and wastes.

2. FIELD OF APPLICATION.

This Official Mexican Standard shall apply obligatorily to the Shippers, Carriers, Consignees and heads of the washing or cleanup centers with respect to motor vehicles units and trailer units that transit on the general lines of communication.

3. REFERENCES.

For the correct implementation of this Standard, the following Official Mexican Standards must be consulted:

NOM-002-SCT2/1994	LIST OF THE MOST COMMONLY CARRIED HAZARDOUS SUBSTANCES.
NOM-003-SCT2/1994	DESCRIPTION OF THE LABELS FOR THE PACKAGES AND PACKAGINGS INTENDED FOR THE TRANSPORT OF HAZARDOUS MATERIALS AND WASTES.
NOM-004-SCT2/1994	SYSTEM FOR THE IDENTIFICATION OF UNITS INTENDED FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES.
NOM-009-SCT2/1994	COMPATIBILITY FOR THE STORAGE AND TRANSPORT OF HAZARDOUS MATERIALS OF CLASS 1 EXPLOSIVES.

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NOM-010-SCT2/1994	COMPATIBILITY AND SEGREGATION PROVISIONS FOR THE STORAGE AND TRANSPORT OF HAZARDOUS SUBSTANCES, MATERIALS AND WASTES.
NOM-CRP-001-ECOL	WHICH ESTABLISHES THE CHARACTERISTICS OF THE HAZARDOUS WASTES, THE LIST OF SAME, AND THE LIMITS BEYOND WHICH A WASTE BECOMES HAZARDOUS DUE TO ITS ENVIRONMENTAL TOXICITY.
NOM-CRP-002-ECOL	WHICH SETS FORTH THE PROCEDURE FOR CONDUCTING THE EXTRACTION TEST FOR DETERMINING THE CONSTITUENTS THAT MAKE A WASTE HAZARDOUS DUE TO ITS ENVIRONMENTAL TOXICITY.
NOM-CRP-003-ECOL	ESTABLISHES THE PROCEDURE FOR DETERMINING THE INCOMPATIBILITY BETWEEN TWO OR MORE WASTES CONSIDERED AS HAZARDOUS UNDER THE OFFICIAL MEXICAN STANDARD, NOM-CRP-001-ECOL/1993.

4. DEFINITIONS.

COMPATIBILITY.- This refers to the feasibility of transporting, in the same vehicle unit and at the same time, different substances considered as hazardous without causing a risk in the event of any accidental reaction.

INCOMPATIBILITY OF HAZARDOUS WASTES.- Violent reactions, harmful to the ecological balance and the environment, that result from two or more hazardous wastes or substances being mixed together. The hazardous substances must be removed from the contaminated parts by any mechanical or chemical means involving a wet or dry process, which does not result in any health or environmental damage.

WASHING.- Elimination of residues and wastes by mechanical or chemical means involving a wet or dry process, for the purpose of avoiding the violent or negative reactions of two or more incompatible substances upon becoming mixed.

DECONTAMINATION OF THE UNIT.- Procedure which is implemented in cases of leaks and spills [;] the hazardous substances or substances [sic] must be removed from the contaminated parts by mechanical or chemical means involving a wet or dry process, which does not result in health or environmental damage.

UNIT.- Vehicle for the transport of hazardous materials and wastes, composed of motor vehicles units and trailer units.

TRAILER UNIT.- Vehicle for the transport of hazardous materials and wastes, not equipped with means of propulsion and intended to be hauled by a motor vehicle.

SHIPPER.- Individual or company which, acting on its own behalf or on behalf of a third party, contracts the service for the transport of hazardous materials or waste.

CARRIERS.- Motor carrier companies and railroad enterprises.

CONSIGNEE.- Individual or company receiving the hazardous materials and wastes.

MANUFACTURER OR PRODUCER.- This is the Entity which produces hazardous substances and materials under a predetermined process, using advanced technology for obtaining products or substances in series by mechanical means.

5.- GENERAL PROVISIONS FOR THE CLEANUP AND CONTROL OF THE RESIDUES OF HAZARDOUS MATERIALS AND WASTES IN THE MOTOR CARRIER UNITS OR TRAILER UNITS.

5.1 The internal and external cleanup of the container as well as the control of residues shall be compulsory by reason of: "The internal and external cleanness of the container and the control of residues".

- a) Incompatibility of the residue with the product or products to be transported;
- b) Repairing of the unit;
- c) Change of product;
- d) Modification of systems or accessories inside the unit, so long as there exists a potential risk of spill or damage; and
- e) Accidental spillage in the units.

5.2 GENERAL PROVISIONS WHICH MUST BE ABIDED BY SHIPPER.

5.2.1 Verify that the procedure for cleanup and control of residues of hazardous materials and wastes is specific and consistent with the standards in force by product or group of products.

5.2.2 Said procedure must comply with and specify the following minimum requirements:

- a) Whether the unit can be partially cleaned and under which safety conditions such cleanup must be conducted.
- b) The personal protection equipment that must be used for cleaning up the hazardous material or hazardous materials and waste as well as the residue or residues for each product or product group.
- c) The check outs required before proceeding to clean the unit, such as: oxygen level, explosivity, toxicity, measurement accessories in general, etc.
- d) If the receptacle is pressurized, the depressurization procedure must be specified as well as the device for recovering the products generated in the venting systems.
- e) In case any substance or mixture is used in cleaning the unit, indicate its chemical and/or commercial name(s), its concentration, physical state. Also describe the cleaning procedure, including the equipment involved.
- f) In case it is necessary to avoid the risk due to incompatibility, describe the drying procedure and how it is conducted.
- g) Indicate any ancillary safety measures and activities, such as: static electric discharges, absorption of residues or wastes in the external or internal walls of the tank-truck, cleaning of the valves and measurement accessories.
- h) Likewise, it will be necessary to include any steps taken to ensure that all spilled and spattered liquids are properly collected to prevent them from spreading and infiltrating the soil.

5.3 Provisions which must be abided by the carrier:

5.3.1 He must have on hand an established procedure for the cleanup and control of the residue or residues, the hazardous material or materials and waste for each product or product group.

5.3.2 He must at all times carry the unit cleanup control certificate (original or copy) is placed at all times inside the unit.

5.3.3 The certificate of control of cleanup of the unit must include, at a minimum, the following data (Annex 1):

- a) Date of cleanup.
- b) Name of substance or mixture which was transported.
- c) Class of risk of the substance or mixture.
- d) Shipment number.
- e) Unit number.
- f) Quantity of residue or waste, as applicable.
- g) Final disposition of the residue or waste product.
- h) Corporate domicile of the washing center or place where cleanup was performed.
- i) Operating Registration Number (operating license) at SEDESOL (operating license).
- j) Signature of the Head of the cleanup or washing center.

5.4 Washing or cleanup centers.

5.4.1 The centers for the cleanup or washing of residues of hazardous materials and wastes from the motor units and haulage units, must obtain the authorization of the Secretariat of Social Development and comply with the applicable Official Mexican Standards issued by said Secretariat of Social Development.

5.4.2 The centers authorized for the cleanup or washing of units shall maintain a register containing, as a minimum, the data pertaining to the certificate which must be issued for the units[;] said logbook must include, attached thereto, a copy of the procedure or procedures for the cleanup and control of residues of hazardous materials and wastes in the units for each product or product group.