# OFFICIAL MEXICAN STANDARD NOM-006-SCT2/1994 BASIC ASPECTS OF THE DAILY VISUAL INSPECTION OF A UNIT INTENDED FOR THE HIGHWAY TRANSPORT OF HAZARDOUS MATERIALS AND WASTES.

#### 1. PURPOSE

The purpose of this Official Mexican Standard is to set forth the basic provisions to be complied with in the daily inspection, on the part of the driver, of units intended for the Highway Transport of Hazardous Substances, Materials and Wastes, so as to ascertain that said units are in good mechanical and operating conditions.

#### 2. APPLICABILITY

This Official Mexican Standard applies compulsorily to the highway carriers and the drivers of units carrying hazardous substances, materials and wastes through the general lines of land communication.

#### 3. REFERENCES

To correctly implement this Standard, the following Official Mexican Standards must be consulted:

NOM-002-SCT2/1994 LISTING OF THE MOST COMMONLY

TRANSPORTED HAZARDOUS SUBSTANCES

AND MATERIALS.

NOM-CRP-CRP-001-SCOL/1993 WHICH SETS FORTH THE CHARACTERISTICS OF

HAZARDOUS WASTES, THE STATE [sic] OF SAID WASTES, AND THE LIMITS AT WHICH A WASTE BECOMES HAZARDOUS BY VIRTUE OF ITS

ENVIRONMENTAL TOXICITY.

#### 4. GENERAL PROVISIONS

QUALIFY GOOD POOR

When inspecting units of highway transport before and during transport of hazardous substances, materials and wastes on, the driver of said units must evaluate the following technical aspects in the daily inspection log.

## 4.1 UNIT.

INSPECT (INTERIOR)	EVALUATI
Oil pressure	
(light/gage)Working condition	
Air/vacuum Pressure	
(gage)Working condition	
Low-air or low-vacuum	
warning deviceWorking condition	n
Instrument panel (containing	
the speedometer, etc.)Working condition	ion
HornWorking condition	
Safety beltUsable condition	
WindshieldChipped, broken,	
	or objects which
	obstruct the
	visibility
Windshield wipers2 minimum, rubb	
	broken[,] working
	condition
Windshield heater/washerWorking cond	
Rearview mirrors2 minimum, object	
	which obstruct
	their visibility,
	broken
Steering wheelEase of handling	
Foot brakeWorking condition	
Emergency brakesWorking condition	ion
Panel lights	
(directional lights,	lition
including emergency lights)Working cond	ILIOII
ExtinguisherWorking condition	hood
Safety triangles3 minimum and in §	good condition
Brakes2 minimum and in go	
Drakes2 minimum and in go	condition
	Condition

#### **FRONT (EXTERIOR)**

Fender......Fully secured

Head lamps......Color as prescribed,

broken, blinking.

Working condition

Headlights.....Working condition

Identification lights
(License-plate housing).....Working condition

EVALUATE QUALIFY GOOD POOR

Directional and

emergency lights......Working condition
Tires......Worn (they must not

be retreaded) in the front axle

Wheel rims.....Ruptured/broken

Stud bolts.....Loose/broken/

missing

Mudguards.....Complete

#### LEFT SIDE

Gas tank and cap.....Visible leaks

Side marker lights......Working condition

Reflectors......Working condition

Spare tire block......Complete

Tires.....Wear and air

Wheel rims.....Ruptured/broken

Stud bolts.....Loose/broken/missing

Fastening devices......Complete and in good

condition

Fifth wheel......Ease of rotation and

good working condition

Hoses, electric

connections, couplings.

Safety chain......Visible leaks, loose,

broken, cuts or stuck

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## **RIGHT SIDE**

Gas tank and capVisible leaks
Marker lights
(side)Working condition
ReflectorsWorking condition
Spare tire blockSupport and tie-down
TiresWear and air
Wheel rimsRuptured/broken
Stud boltsLoose/broken/missing
Fastening devicesComplete and in good
condition

#### **EVALUATE**

#### **QUALIFY**

GOOD POOR

#### **REAR PART**

Lights and brake lights......Prescribed color

Broken, blinking

Working condition

Clearance lights......Working condition

Directional and

emergency lights......Working condition Reflectors.....Working condition

Mudguards......Complete and in good

condition

Fastening devices.....Complete and in good

condition

#### REAR PROTECTION

(Fender).....Fully secured

Exhaust pipe......Without rupture

blocked

#### UNDERNEATH THE UNIT

Brakes.....Fitting, audible air

leaks, loose or

missing parts

Springs (suspension).....Loose, broken

or displaced leaves Ruptured brackets

and shackles
Missing, loose or
broken screws, nuts,

and alina

and clips

Shock absorbers.....Support

Chassis.....Visible cracks

Air ducts.....Loose, broken with

leaks

Electric wires and cables....Loose, broken with

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		cuts
Differential	Visible leaks	
Transmission	Visible leaks and	
Engine	Visible leaks and	support
Ziigiiie	Visiole leaks and	support

#### **EVALUATE**

#### **QUALIFY**

GOOD POOR

#### INTERNAL COMBUSTION AREA

Radiator.....Visible leaks

support

Battery.....Visible leaks

support

working condition

Belts.....Tension, broken

## 4.2 OF THE EMERGENCY EQUIPMENT.

Emergency information for

the land transport of

hazardous substances,

materials and wastes......Check that it is in

a visible location

Medical chest.....That it contains every-

thing necessary for providing first aid as well as whatever is indicated in your

Emergency Information for the Land Transport of Hazardous Substances,

Materials and Wastes

Toolbox......Minimum indispensable

equipment for small

mechanical failures

Safety equipment......That it is as recommended

in your Emergency Information for Land

Transport.

#### 4.3 BODY OR TRAILER.

Trailer brake......Working condition.

Electric cables and wires....Loose, broken with cuts

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	or stuck			
Brake connectionsLoose, broken wi				
	cuts or stuck			
Fifth wheelEase of rotation and				
	working condition			
Brake shoesComplete				
	Working condition			
FVAI	UATE	QUALIFY		
EVAL	UAIL	QUALIFI	GOOD	POOR
			GOOD	TOOK
LocksWorking condition				
PlacardsLocation, and check t	hat			
	they are the correct or	nes		
Identification plateMust be the correct	one			
LightsPrescribed color,				
	broken, blinking,			
	working condition			
ReflectorsPrescribed color	4			
TO' XX	working condition			
TiresWear				
Wheel rimsRuptured/broken	_			
Stud boltsLoose/broken/missing				
MudguardsComplete and in go	condition			
	Condition			
REAR PROTECTION				
(Fender)Complete				
Sets of footstepsComplete				
FreightDistribution,	cocurament and			
	securement and compatibility			
	Companionity			
4.4 ROAD TANK-VEHICLE.				
Provisions for the				
	elimination of static			
	produced by friction			
	of freight during			
	loading and unloading			

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Identification plate......Must be the correct one

#### **EVALUATE QUALIFY**

GOOD POOR

Lights.....Prescribed color

broken, blinking,
working condition

Reflectors....Prescribed color

working condition

Tires.....Wear

Wheel rims......Ruptured/broken
Bolt nuts....Loose/broken/missing
Mudguards.....Complete and in good

condition

Rear protection

(fender).....Complete
Sets of footsteps.....Complete

Piping, valves and

connections......Without corrosion

working condition

Walkway.....Nonskid,

without corrosion

complete

Body of tank......Visible leaks

corrosion

impact damage

Measurement instruments......Working condition

Internal and vacuum

pressure-relief valves......Working condition

Dome ......Must close properly

#### 4.5 DAILY INSPECTION SHEET.

All data indicated in Sections 3.1 through 3.4 must go into a log entitled, "Daily Visual Inspection Sheet," which must be provided by the carrier to his drivers each time a transport of hazardous substances, materials or wastes is initiated; said sheet shall also include the following additional data:

Corporate name of firm Name of driver Type of license Plates of vehicle

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Number of trip Substance, material or waste transported Kilometers to be covered Date Time

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