



GGVSE 2007 Chapter M. Directives / Attachment 15

Test sheet for testing vehicles in accordance with the regulations of the ADR for the granting/extension of ADR type approval



		Designation of vehicle					Location	Scope of test	
		EX/II	EX/II	AT	FL	OX		Granting of approval	Extension
1.	Equipment								
1.1	Rear underride protection			x	x	x	9.7.6	Requirement, version, effectiveness	Requirement, status
1.2	Prevention of fire risks								
	– Engine	x	x		x	x	9.2.4.4; 9.3.5	Requirement, version, effectiveness	Requirement, status
	– Exhaust system	x	x		x		9.2.4.5; 9.3.6	Requirement, effectiveness, version	Requirement, status
	– Fuel tank	x	x		x	x	9.2.4.3	Requirement, effectiveness, version	Requirement, status
	– Sustained-action brake (cover)		x	x	x	x	9.2.4.6	Requirement, effectiveness, version	Requirement, status
	– Combustion heaters	x	x	x	x	x	9.2.4.7.1; 9.2.4.7.2; 9.2.4.7.5	Installation/function test	Status
					x		9.2.4.7.3; 9.2.4.7.4	Function test, inspection of manufacturer's certificate	Status
		x	x				9.2.4.7.6	Installation/function test	Status
	– Combustion heaters			x	x	x	9.7.7	Installation/function test	Status
	Loading compartment	x	x				9.3.2	Installation/function test	Status
	– Driver's compartment/materials used/					x	9.2.4.2	Inspection of manufacturer's certificate	Plausibility
2.	Brake system	x	x	x	x	x	9.2.3.1	Requirement, version	Status
2.1	– Automatic anti-lock braking systems		x	x	x	x	9.2.3.1	Requirement, version	Status
2.2	– Sustained-action braking system		x	x	x	x	9.2.3.1	Requirement, version and inspection of manufacturer's certificate	if applicable, test of-effect
2.3	– Emergency braking devices for trailers	x					9.2.3.2.1	Version, effectiveness	Status
			x				9.2.3.2.2	Version, effectiveness	Status
3.	Speed limitation device	x	x	x	x	x	9.2.5	Certificate	Status
4.	Electrical equipment								
4.1	– Wiring (protection from mechanical and thermal loads)		x	x	x	x	9.2.2.2.1; 9.2.2.2.2	Version, effectiveness	Status
4.2	– Battery master switch		x		x		9.2.2.3.1; 9.2.2.3.2; 9.2.2.3.4	Requirement, version, effectiveness	Status, function
4.3	– Housing battery master switch				x		9.2.2.3.3	Inspection of manufacturer's certificate	Status
4.4	– Batteries	x	x		x		9.2.2.4	Version	Status
4.5	– Permanently-energised installations				x		9.2.2.5.1; 9.7.8.3.	Requirement, version, inspection of certificates	Status



4.6	- Permanently-energised installations		x				9.2.2.5.2	Requirement, version, effectiveness	Status
4.7	- Electrical system behind driver's		x		x		9.2.2.6; 9.7.8.2	Requirement, version, inspection of certificates	Status
4.8	- Electrical installation	x	x				9.3.7.1; 9.3.7.2; 9.3.7.3	Requirement, version, inspection of certificates if applicable	Status
5.	Coupling device of trailer	x	x				9.2.6	Installation, inspection of certificate	Status
6.	Tank								
6.1	- Tank test certificate			x	x	x	9.7.2; 6.8.3.4.5; 6.8.3.4.16	Test, inspection, adoption in type-approval certificate	Inspection
6.2	- Details of operator			x	x	x	9.7.2	Identity, completeness	Identity, completeness
6.3	- Details on tank plate			x	x	x	9.7.2	Identity, completeness	Identity, completeness
6.4	- Tank wall			x	x	x	9.1.2.1; 9.1.3.4; 9.7.2	external condition	external conditio
6.5	- Tank equipment			x	x	x	9.1.2.1.; 9.1.3.4; 9.7.2	external condition	external conditio
6.6	- Tank attachment			x	x	x	9.7.3	Effectiveness, version	external conditio
6.7	- Earthing of tanks and symbol			*)	x		9.7.4; 6.8.2.1.27	Effectiveness, version	external conditio
6.8	- Stability			x	x	x	9.7.5.1	Calculation	-
6.9	- Roll-over stability			x	x	x	9.7.5.2	Requirement, inspection, certificates	-
7.	Vehicle body	x	x				9.3.3 9.3.4.1; 9.3.4.2	Requirement, version	Status

Requirement:determination on the basis of the directives whether these are applicable to this vehicle

Version:determination of whether the part complies with the requirements

Effectiveness: test of body, the necessary measurements if applicable



ADR 2007 Chapter 2. Classification of hazardous substances

ADR 2007 Chapter	Class of substance	Definition of class of substance
2.2.1.	1	Explosive substances and articles containing explosive substances
	1.1	Substances and articles which have a mass explosion hazard. (A mass explosion is one which affects almost the entire load virtually instantaneously.)
	1.2	Substances and articles which have a hazard in the form of splinters and projectiles but not a mass explosion hazard.
	1.3	Substances and articles which have a fire hazard and either a minor blast hazard or a minor hazard in the form of splinters and projectiles or both, but not a mass explosion hazard,
		a) combustion of which gives rise to considerable radiant heat or
		b) which burn one after another, producing minor blast or effects in the form of splinters and projectiles effects or both.
	1.4	Substances and articles which present only a slight risk of explosion in the event of ignition or initiation during carriage. The effects are largely confined to the package and no projection of fragments of appreciable size or range is to be expected. An external fire shall not cause virtually instantaneous explosion of virtually the entire contents of the package.
	1.5	Very insensitive substances having a mass explosion hazard which are so insensitive that there is very little probability of ignition or transition from ignition to a detonation under normal conditions of carriage. The minimum requirement for these substances is that they shall not explode in the external fire test.
	1.6	Extremely insensitive articles which do not have a mass explosion hazard. The articles contain only extremely insensitive detonating substances and demonstrate a negligible probability of accidental initiation or propagation. Note: the risk of sub-class 1.6 articles is limited to the explosion of a single article.
2.2.2.	2	Gases
	2.1	Non-liquefied compressed gas: a gas, which when packaged under pressure for transportation is entirely gaseous at -50°C; this category includes all gases with a critical temperature of less than or equal to -50°C.
	2.2	Liquefied compressed gas: a gas, which when packaged under pressure for transportation is partially liquid at temperatures above -50°C. A distinction is made between a high-pressure liquefied gas, which is a gas with a critical temperature of between -50°C and +65°C; and a low-pressure liquefied gas, which is a gas with a critical temperature above +65°C.
	2.3	Refrigerated liquefied gas: a gas, which when packaged for transportation, is partially liquid due to its low temperature.
	2.4	Compressed gas in solution: a gas, which when packaged under pressure for transportation in a solvent is dissolved in a liquid phase solvent.
	2.5	Aerosol dispensers and receptacles, small, containing gas (gas cartridges)
	2.6	Other articles containing gas under pressure
	2.7	Non-pressurised gases subject to special requirements (gas samples)



ADR 2007 Chapter 2. Classification of hazardous substances

ADR 2007 Chapter	Class of substance	Definition of class of substance
2.2.3.	3	Flammable liquids
	3.1	Non-toxic and non-caustic substances having a flash-point above 35°C, which do not sustain combustion according to the criteria of sub-section 32.5.2 of Part III of the Manual of Tests and Criteria are not substances of Class 3; if, however, these substances are handed over for carriage and carried whilst heated to temperatures equal to or higher than their flash-point, they are substances of Class 3.
	3.2	By derogation from Paragraph 2.2.3.1.1, diesel fuel, gas oil or heating oil (light) with a flash-point above 61°C and not more than 100°C shall be deemed substances of Class 3, UN Number 1202.
	3.3	Liquids which are highly toxic on inhalation with a flash-point below 23°C and toxic substances having a flash-point of 23°C or above are substances of Class 6.1 (see sub-section 2.2.61.1).
	3.4	Flammable liquid substances and preparations used as pesticides, which are highly toxic or toxic and have a flash-point of 23°C or above are substances of Class 6.1 (see sub-section 2.2.61.1).
	1.5	Very insensitive substances having a mass explosion hazard which are so insensitive that there is very little probability of ignition or transition from ignition to a detonation under normal conditions of carriage. The minimum requirement for these substances is that they shall not explode in the external fire test.
	1.6	Extremely insensitive articles which do not have a mass explosion hazard. The articles contain only extremely insensitive detonating substances and demonstrate a negligible probability of accidental initiation or propagation. Note: the risk of sub-class 1.6 articles is limited to the explosion of a single article.
2.2.4.	4.1	Flammable solid substances, spontaneously decomposing substances and solid desensitised explosives
	4.2	Substances liable to spontaneous combustion
	4.3	Substances which, in contact with water, emit flammable gases
2.2.5.	5.1	Oxidising substances
	5.2	Organic peroxides
2.2.6.	6.1	Aerosol dispensers and receptacles, small, containing gas (gas cartridges)
	6.2	Infectious substances
2.2.7.	7	Radioactive material
2.2.8.	8	Caustic substances
2.2.9.	9	Miscellaneous dangerous substances and articles.

Assignment to a particular class of hazardous substance is only possible on the basis of the ADR 2007, Table A.