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**Checklist for testing vehicles in accordance with the regulations of the ADR for the granting/extension of ADR type approval**

**GGVSEB<sup>1</sup> - directives for conduct of tests  
Chapter M Annex 15**

Last updated: January 1, 2010

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<sup>1</sup> German ordinance on inland and transboundary transport of hazardous goods by road, by rail and by inland waterways



	Designation of vehicle	Designation of vehicle						Reference	Scope of test	
		EX/II	EX/III	MEMU	AT	FL	OX		Granting approval	Extension
<b>1.</b>	<b>Equipment</b>									
1.1	Rear underride protection			x	x	x	x	9.7.6; 9.8.5	Requirement, implementation, effectiveness	Requirement, condition
1.2	<b>Prevention of fire risks</b>									
	– Engine	x	x	x		x	x	9.2.4.4; 9.3.5	Requirement, implementation, effectiveness	Requirement, condition
	– Fire-extinguishing system for engine compartment			x				9.8.7.1	Implementation of readiness for operation (e.g. sealing)	Condition of readiness for operation (e.g. sealing)
	– Tyres (cover)			x				9.8.7.2	Implementation, effectiveness	Condition
	– Exhaust system	x	x	x		x		9.2.4.5; 9.3.6	Requirement, effectiveness, implementation	Requirement, condition
	– Fuel tank	x	x	x		x	x	9.2.4.3	Requirement, effectiveness, implementation	Requirement, condition
	– Sustained-action brake (cover)		x	x	x	x	x	9.2.4.6	Requirement, effectiveness, implementation	Requirement, condition
	– Combustion heaters	x	x	x	x	x	x	9.2.4.7.1; 9.2.4.7.2; 9.2.4.7.5	Installation, function test	Condition
						x		9.2.4.7.3; 9.2.4.7.4	Function test, inspection, manufacturer's certificate	Condition
		x	x	x				9.2.4.7.6	Installation, function test	Condition
	– Combustion heaters in load compartment				x	x	x	9.7.7	Installation, function test	Condition
		x	x					9.3.2	Installation, function test	Condition
				x				9.8.6.2	Installation, function test	Condition
	Driver's cab/materials used/heat shield						x	9.2.4.2	Inspection, manufacturer's certificate	Plausibility
<b>2.</b>	<b>Braking equipment</b>	x	x	x	x	x	x	9.2.3.1	Requirement, implementation	Condition
2.1	– Automatic anti-lock braking systems		x	x	x	x	x	9.2.3.1	Requirement, implementation	Condition
2.2	– Endurance (sustained action) braking system		x	x	x	x	x	9.2.3.1	Requirement, implementation and inspection, manufacturer's certificate	if applicable, test of effect
<b>3.</b>	<b>Speed limitation device</b>	x	x	x	x	x	x	9.2.5	Certificate	Condition
<b>4.</b>	<b>Electrical equipment</b>									
4.1	– Wiring (protection from mechanical and thermal loads)		x	x	x	x	x	9.2.2.2.1; 9.2.2.2.2	Implementation, effectiveness	Condition
4.2	– Battery master switch		x	x		x		9.2.2.3.1; 9.2.2.3.2; 9.2.2.3.4	Requirement, implementation, effectiveness	Condition, function
4.3	– Battery master switch housing					x		9.2.2.3.3	Inspection, manufacturer's certificate	Condition
4.4	– Batteries	x	x	x		x		9.2.2.4	Implementation	Condition
4.5	– Permanently-energised circuits					x		9.2.2.5.1; 9.7.8.3	Requirement, implementation, inspection, certificates	Condition
4.6	– Permanently-energised circuits		x	x				9.2.2.5.2	Requirement, implementation, effectiveness	Condition

\*) Vehicles "AT" that are also permitted to convey UN 1202 DIESEL FUEL as per EN 590: 2004 or GAS OIL or HEATING OIL, LIGHT with a flash point as per EN 590: 2004 shall be provided with at least one earth fitting clearly marked with the symbol. This also applies to the carriage of UN 1361 CARBON or CARBON BLACK, packing group II.



		Designation of vehicle						Reference	Scope of test	
		EX/II	EX/III	MEMU	AT	FL	OX		Granting approval	Extension
4.7	– Electrical installation situated to the rear of the driver's cab		x	x		x x		9.2.2.6; 9.7.8.2	Requirement, implementation, inspection if applicable, certificates	Condition
4.8	– Electrical equipment	x	x					9.3.7.1; 9.3.7.2; 9.3.7.3	Requirement, implementation, inspection if applicable, certificates	Condition
5.	<b>Coupling device of trailer</b>	x	x	x				9.2.6	Installation, inspection, certificate	Condition
6.	<b>Tank</b>									
6.1	– Tank test certificate			x	x	x	x	9.7.2; 6.8.3.4.5;	Test, inspection, adoption in type-approval certificate	Inspection
6.2	– Details of operator			x	x	x	x	9.7.2	Identity, completeness	Identity, completeness
6.3	– Details on tank plate			x	x	x	x	9.7.2	Identity, completeness	Identity, completeness
6.4	– Tank wall			x	x	x	x	9.1.2.1; 9.1.3.4; 9.7.2	External condition	External condition
6.5	– Tank equipment			x	x	x	x	9.1.2.1.; 9.1.3.4; 9.7.2	External condition	External condition
6.6	- Tank fastenings			x	x	x	x	9.7.3	Effectiveness, implementation	External condition
6.7	– Earthing of tanks and symbol			x	*)	x		9.7.4; 6.8.2.1.27 9.8.3	Effectiveness, implementation	External condition
6.8	– Stability			x	x	x	x	9.7.5.1; 9.8.4	Calculation	–
6.9	– Lateral (rollover) stability				x	x	x	9.7.5.2	Requirement, inspection, certificate	–
7.	<b>Vehicle body</b> – locks, process equipment, load compartments – earthing	x	x					9.3.3; 9.3.4.1; 9.3.4.2; 9.8.8 9.8.3	Requirement, implementation requirement, implementation requirement, implementation	Condition condition condition
8.	<b>Documents as per BAM-GGR 010</b>			x				BAM-GGR 010 Annex 3	Presence, identity	–
9.	<b>Recurrent inspection as per registration MEMU</b>			x				As per BAM registration	–	Presence, identity

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

Implementation: determination of whether the part complies with the requirements

Effectiveness: test of the installation, the necessary measurements if applicable

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