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## [<sup>F1</sup>ANNEX XI

### NATURE OF AND PROVISIONS FOR THE EC TYPE- APPROVAL OF SPECIAL PURPOSE VEHICLES

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#### Textual Amendments

- F1** Substituted by [Commission Regulation \(EU\) No 214/2014 of 25 February 2014 amending Annexes II, IV, XI, XII and XVIII to Directive 2007/46/EC of the European Parliament and of the Council establishing a framework for the approval of motor vehicles and their trailers, and of systems, components and separate technical units intended for such vehicles \(Text with EEA relevance\).](#)

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## Appendix 1

**Motor-Caravans, Ambulances and Hearses**

Item	Subject	Regulatory act reference	$M_1 \leq 2$ 500 kg <sup>a</sup>	$M_1 > 2$ 500 kg <sup>a</sup>	$M_2$	$M_3$
1	Permissible Sound level	Directive 70/157/EEC	H	G+H	G+H	G+H
[ <sup>F2</sup> 1A	Sound level	Regulation (EU) No 540/2014	H	G+H	G+H	G+H]
2	Emissions (Euro 5 and 6) light duty vehicles/ access to information	Regulation (EC) 715/2007	Q ( <sup>1</sup> )	G+Q ( <sup>1</sup> )	G+Q ( <sup>1</sup> )	
[ <sup>X1</sup> ]						
3A	Prevention of fire risks (liquid fuel tanks)	Regulation (EC) No 661/2009 UNECE Regulation No 34	F ( <sup>2</sup> )	F ( <sup>2</sup> )	F ( <sup>2</sup> )	F ( <sup>2</sup> )
3B	Rear underrun protective devices (RUPDs) and their installation; rear underrun protection (RUP)	Regulation (EC) No 661/2009 UNECE Regulation No 58	X	X	X	X
[ <sup>X1</sup> ]						
4A	Space for mounting and fixing rear registration plates	Regulation (EC) No 661/2009 Regulation (EU) No 1003/2010	X	X	X	X

[<sup>X1</sup>]

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5A	Steering equipment	Regulation (EC) No 661/2009 UNECE Regulation No 79	X	G	G	G
[ <sup>X1</sup> ]						
6A	Vehicle access and manoeuvrability	Regulation (EC) No 661/2009 Regulation (EU) No 130/2012	X	X		
6B	Door latches and door retention components	Regulation (EC) No 661/2009 UNECE Regulation No 11	B	G+B		
[ <sup>X1</sup> ]						
7A	Audible warning devices and signals	Regulation (EC) No 661/2009 UNECE Regulation No 28	X	X	X	X
[ <sup>X1</sup> ]						
8A	Devices for indirect vision and their installation	Regulation (EC) No 661/2009 UNECE Regulation No 46	X	G	G	G
[ <sup>X1</sup> ]						
9A	Braking of vehicles and trailers	Regulation (EC) No 661/2009 UNECE Regulation No 13-H	X <sup>(4)</sup>	G+A <sub>1</sub>		
9B	Braking of vehicles and trailers	Regulation (EC) No 661/2009			G <sup>(3)</sup>	G <sup>(3)</sup>

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		UNECE Regulation No 13				
[ <sup>X1</sup> ]						
10A	Electromagnetic compatibility	Regulation (EC) No 661/2009 UNECE Regulation No 10	X	X	X	X
[ <sup>X1</sup> ]						
12A	Interior fittings	Regulation (EC) No 661/2009 UNECE Regulation No 21	C	G+C		
[ <sup>X1</sup> ]						
13A	Protection of motor vehicles against unauthorised use	Regulation (EC) No 661/2009 UNECE Regulation No 18			G <sup>(4A)</sup>	G <sup>(4A)</sup>
13B	Protection of motor vehicles against unauthorised use	Regulation (EC) No 661/2009 UNECE Regulation No 116	X	G		
[ <sup>X1</sup> ]						
14A	Protection of the driver against the steering mechanism in the event of impact	Regulation (EC) No 661/2009 UNECE Regulation No 12	X	G		
[ <sup>X1</sup> ]						
15A	Seats, their anchorages and any head restraints	Regulation (EC) No 661/2009	D	G+D	G+D <sup>(4B)</sup>	G+D <sup>(4B)</sup>

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		UNECE Regulation No 17				
15B	Seats of large passenger vehicles	Regulation (EC) No 661/2009 UNECE Regulation No 80			X	X
[ <sup>X1</sup> ]						
16A	External projections	Regulation (EC) No 661/2009 UNECE Regulation No 26	X for the cab; A +Z for the remaining part	G for the cab; A +Z for the remaining part		
[ <sup>X1</sup> ]						
17A	Vehicle access and manoeuvrability	Regulation (EC) No 661/2009 Regulation (EU) No 130/2012	X	X	X	X
17B	Speedometer equipment including its installation	Regulation (EC) No 661/2009 UNECE Regulation No 39	X	X	X	X
[ <sup>X1</sup> ]						
18A	Manufacturer's statutory plate and vehicle identification number	Regulation (EC) No 661/2009 Regulation (EU) No 19/2011	X	X	X	X
[ <sup>X1</sup> ]						
19A	Safety-belt anchorages, Isofix anchorages systems and Isofix top tether anchorages	Regulation (EC) No 661/2009 UNECE Regulation No 14	D	G+L	G+L	G+L

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[ <sup>X1</sup> ]						
20A	Installation of lighting and light-signalling devices on vehicles	Regulation (EC) No 661/2009 UNECE Regulation No 48	A+N	A+G+N for the cab; A+N for the remaining part	A+G+N for the cab; A+N for the remaining part	A+G+N for the cab; A+N for the remaining part
[ <sup>X1</sup> ]						
21A	Retro-reflecting devices for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UNECE Regulation No 3	X	X	X	X
[ <sup>X1</sup> ]						
22A	Front and rear position lamps, stop-lamps and end-outline marker lamps for motor vehicles and their trailers	Regulation (EC) No 661/2009 UNECE Regulation No 7	X	X	X	X
22B	Daytime running lamps for power-driven vehicles	Regulation (EC) No 661/2009 UNECE Regulation No 87	X	X	X	X
22C	Side-marker lamps for motor vehicles and their trailers	Regulation (EC) No 661/2009 UNECE Regulation No 91	X	X	X	X
[ <sup>X1</sup> ]						
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23A	Direction indicators for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UNECE Regulation No 6	X	X	X	X
[ <sup>X1</sup> ]						
24A	Illumination of rear-registration plates of power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UNECE Regulation No 4	X	X	X	X
[ <sup>X1</sup> ]						
25A	Power-driven vehicle's sealed-beam headlamps (SB) emitting an European asymmetrical passing beam or a driving beam or both	Regulation (EC) No 661/2009 UNECE Regulation No 31	X	X	X	X
25B	Filament lamps for use in approved lamp units of power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UNECE Regulation No 37	X	X	X	X
25C	Motor vehicle headlamps equipped with gas-	Regulation (EC) No 661/2009	X	X	X	X

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	discharge light sources	UNECE Regulation No 98				
25D	Gas-discharge light sources for use in approved gas-discharge lamp units of power-driven vehicles	Regulation (EC) No 661/2009 UNECE Regulation No 99	X	X	X	X
25E	Motor vehicle headlamps emitting an asymmetrical passing beam or a driving beam or both and equipped with filament lamps and/or LED modules	Regulation (EC) No 661/2009 UNECE Regulation No 112	X	X	X	X
25F	Adaptive front-lighting systems (AFS) for motor vehicles	Regulation (EC) No 661/2009 UNECE Regulation No 123	X	X	X	X
[ <sup>X1</sup> ]						
26A	Power-driven vehicle front fog lamps	Regulation (EC) No 661/2009 UNECE Regulation No 19	X	X	X	X
[ <sup>X1</sup> ]						

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27A	Towing device	Regulation (EC) No 661/2009 Regulation (EU) No 1005/2010	E	E	E	E
[ <sup>X1</sup> ]						
28A	Rear fog lamps for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UNECE Regulation No 38	X	X	X	X
[ <sup>X1</sup> ]						
29A	Reversing lights for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UNECE Regulation No 23	X	X	X	X
[ <sup>X1</sup> ]						
30A	Parking lamps for power-driven vehicles	Regulation (EC) No 661/2009 UNECE Regulation No 77	X	X	X	X
[ <sup>X1</sup> ]						
31A	Safety-belts, restraint systems, child restraint systems and Isofix child restraint systems	Regulation (EC) No 661/2009 UNECE Regulation No 16	D	G+M	G+M	G+M
[ <sup>X1</sup> ]						
32A	Forward field of vision	Regulation (EC) No 661/2009	X	G		

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		UNECE Regulation No 125				
[ <sup>X1</sup> ]						
33A	Location and identification of hand controls, tell-tales and indicators	Regulation (EC) No 661/2009 UNECE Regulation No 121	X	X	X	X
[ <sup>X1</sup> ]						
34A	Windscreen defrosting and demisting systems	Regulation (EC) No 661/2009 Regulation (EU) No 672/2010	X	G <sup>(5)</sup>	( <sup>5</sup> )	( <sup>5</sup> )
[ <sup>X1</sup> ]						
35A	Windscreen wiper and washer systems	Regulation (EC) No 661/2009 Regulation (EU) No 1008/2010	X	G <sup>(6)</sup>	( <sup>6</sup> )	( <sup>6</sup> )
[ <sup>X1</sup> ]						
36A	Heating systems	Regulation (EC) No 661/2009 UNECE Regulation No 122	X	X	X	X
[ <sup>X1</sup> ]						
37A	Wheel guards	Regulation (EC) No 661/2009 Regulation (EU) No 1009/2010	X	G		
[ <sup>X1</sup> ]						
[ <sup>F3</sup> 38A	Head restraints (headrests),	Regulation (EC) No 661/2009	D	G+D		]

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	whether or not incorporated in vehicle seats	UNECE Regulation No 25				
41	Emissions (Euro IV and V) heavy duty vehicles	Directive 2005/55/EC	H <sup>(8)</sup>	G+H <sup>(8)</sup>	G+H <sup>(8)</sup>	G+H <sup>(8)</sup>
41A	Emissions (Euro VI) heavy duty vehicles/ access to information	Regulation (EC) No 595/2009	G+H <sup>(9)</sup>	G+H <sup>(9)</sup>	G+H <sup>(9)</sup>	G+H <sup>(9)</sup>
[ <sup>X1</sup> ]						
44A	Masses and dimensions	Regulation (EC) No 661/2009 Regulation (EU) No 1230/2012	X	X		
[ <sup>X1</sup> ]						
45A	Safety glazing materials and their installation on vehicles	Regulation (EC) No 661/2009 UNECE Regulation No 43	J	G+J	G+J	G+J
[ <sup>F4</sup> ]						
46A	Installation of tyres	Regulation (EC) No 661/2009 Regulation (EU) No 458/2011	X	G	G	G
46B	Pneumatic tyres for motor vehicles and their trailers (Class C1)	Regulation (EC) No 661/2009 UNECE Regulation No 30	X	G		

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46C	Pneumatic tyres for commercial vehicles and their trailers (Classes C2 and C3)	Regulation (EC) No 661/2009 UNECE Regulation No 54	—	G	G	G
46D	Tyre rolling sound emissions, adhesion on wet surfaces and rolling resistance (Classes C1, C2 and C3)	Regulation (EC) No 661/2009 UNECE Regulation No 117	X	G	G	G
46E	Temporary-use spare unit, run-flat tyres/system and tyre pressure monitoring system	Regulation (EC) No 661/2009 UNECE Regulation No 64	X	G		
[ <sup>X1</sup> ]						
47A	Speed limitation of vehicles	Regulation (EC) No 661/2009 UNECE Regulation No 89			X	X
[ <sup>X1</sup> ]						
48A	Masses and dimensions	Regulation (EC) No 661/2009 Regulation (EU) No 1230/2012			X	X
[ <sup>X1</sup> ]						
50A	Mechanical coupling components	Regulation (EC) No 661/2009	X <sup>(10)</sup>	G <sup>(10)</sup>	G <sup>(10)</sup>	G <sup>(10)</sup>

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	of combinations of vehicles	UNECE Regulation No 55				
[ <sup>X1</sup> ]						
51A	Burning behaviour of materials used in the interior construction of certain categories of motor vehicles	Regulation (EC) No 661/2009 UNECE Regulation No 118				G for the cab; X for the remaining part
[ <sup>X1</sup> ]						
52A	M <sub>2</sub> and M <sub>3</sub> vehicles	Regulation (EC) No 661/2009 UNECE Regulation No 107			A	A
52B	Strength of the superstructure of large passenger vehicles	Regulation (EC) No 661/2009 UNECE Regulation No 66			A	A
[ <sup>X1</sup> ]						
53A	Protection of occupants in the event of a frontal collision	Regulation (EC) No 661/2009 UNECE Regulation No 94	N/A	N/A		
[ <sup>X1</sup> ]						
54A	Protection of occupants in the event of lateral collision	Regulation (EC) No 661/2009 UNECE Regulation No 95	N/A	N/A		
58	Pedestrian protection	Regulation (EC) No 78/2009	X	N/A. However, any frontal protection systems		

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				supplied with the vehicle shall comply and shall be marked		
59	Recyclability	Directive 2005/64/EC	N/A	N/A		
61	Air-conditioning system	Directive 2006/40/EC	X	G <sup>(14)</sup>		
62	Hydrogen system	Regulation (EC) No 79/2009	X	X	X	X
63	General Safety	Regulation (EC) No 661/2009	X <sup>(15)</sup>	X <sup>(15)</sup>	X <sup>(15)</sup>	X <sup>(15)</sup>
64	Gear shift indicators	Regulation (EC) No 661/2009 Regulation (EU) No 65/2012	X	G		
65	Advanced emergency braking system	Regulation (EC) No 661/2009 Regulation (EU) No 347/2012			N/A <sup>(16)</sup>	N/A <sup>(16)</sup>
66	Lane departure warning system	Regulation (EC) No 661/2009 Regulation (EU) No 351/2012			N/A <sup>(17)</sup>	N/A <sup>(17)</sup>
67	Specific components for liquefied petroleum gases (LPG) and their installation	Regulation (EC) No 661/2009 UNECE Regulation No 67	X	X	X	X

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	on motor vehicles					
68	Vehicle alarm systems (VAS)	Regulation (EC) No 661/2009 UNECE Regulation No 97	X	G		
69	Electrical safety	Regulation (EC) No 661/2009 UNECE Regulation No 100	X	X	X	X
70	Specific components for CNG and their installation on motor vehicles	Regulation (EC) No 661/2009 UNECE Regulation No 110	X	X	X	X

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#### Editorial Information

- X1** Deleted by [Corrigendum to Regulation \(EC\) No 661/2009 of the European Parliament and of the Council of 13 July 2009 concerning type-approval requirements for the general safety of motor vehicles, their trailers and systems, components and separate technical units intended therefor \(Official Journal of the European Union L 200 of 31 July 2009\)](#).

#### Textual Amendments

- F2** Inserted by [Regulation \(EU\) No 540/2014 of the European Parliament and of the Council of 16 April 2014 on the sound level of motor vehicles and of replacement silencing systems, and amending Directive 2007/46/EC and repealing Directive 70/157/EEC \(Text with EEA relevance\)](#).
- F3** Substituted by [Commission Regulation \(EU\) No 1171/2014 of 31 October 2014 amending and correcting Annexes I, III, VI, IX, XI and XVII to Directive 2007/46/EC of the European Parliament and of the Council establishing a framework for the approval of motor vehicles and their trailers, and of systems, components and separate technical units intended for such vehicles \(Text with EEA relevance\)](#).
- F4** Deleted by [Regulation \(EC\) No 661/2009 of the European Parliament and of the Council of 13 July 2009 concerning type-approval requirements for the general safety of motor vehicles, their trailers and systems, components and separate technical units intended therefor \(Text with EEA relevance\)](#).

#### Additional requirements for ambulances

The patient compartment of ambulances shall comply with the requirements of EN 1789:2007 +A1: 2010 +A2:2014 on Medical vehicles and their equipment – Road ambulances with the exception of Section 6.5, list of equipment. Proof of compliance shall be provided with a test report of a technical service. If a Wheelchair space is foreseen, the requirements of Appendix 3 relating to the wheelchair tie down and occupant restraint systems shall apply.]