

Suppliment tal-Gazzetta tal-Gvern ta' Malta Nru. 18,695, 7 ta' Jannar, 2011

Taqsimha B

L.N. 7 of 2011

**PRODUCT SAFETY ACT
(CAP. 427)**

**EC TYPE APPROVAL OF MOTOR VEHICLES AND THEIR
TRAILERS (AMENDMENT) REGULATIONS, 2011**

IN exercise of the powers conferred by articles 38 to 40 of the Product Safety Act, the office of the Prime Minister on the advice of the Malta Standards Authority, has made the following regulations:-

1. The title of these regulations is the EC Type Approval of Motor Vehicles and their Trailers (Amendment) Regulations, 2011, and they shall be read and construed as one with the EC Type Approval of Motor Vehicles and their Trailers Regulations, 2009 hereinafter referred to as “the principal regulations”.

Citation.

L.N. 148 of 2009.

2. These regulations implement the requirements set by:

Scope and
Commencement.

(1) 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 therefore. Regulation (EC) No. 661/2009 amends Schedule IV, VI, XI, XXI, XXII of L.N. 148 of 2009.

(i) Regulation (EC) No.661/2009 Repeals the following Directives;

70/221/EEC, 70/222/EEC, 70/311/EEC, 70/387/EEC, 70/388/EEC, 71/320/EEC, 72/245/EEC, 74/60/EEC, 74/61/EEC, 74/297/EEC, 74/408/EEC, 74/483/EEC, 75/443/EEC, 76/114/EEC, 76/115/EEC, 76/756/EEC, 76/757/EEC, 76/758/EEC, 76/759/EEC, 76/760/EEC, 76/761/EEC, 76/762/EEC, 77/389/EEC, 77/538/EEC, 77/539/EEC, 77/540/EEC, 77/541/EEC, 77/649/EEC, 78/316/EEC, 78/317/EEC, 78/318/EEC, 78/549/EEC, 78/932/EEC, 89/297/EEC, 91/226/EEC, 92/21/

EC, 92/22/EEC, 92/24/EEC, 92/114/EEC, 94/20/EC, 95/28/EC, 96/27/EC, 96/79/EC, 97/27/EC, 98/91/EC, 2000/40/EC, 2001/56/EC, 2001/85/EC, 2003/97/EC shall be repealed with effect from 1 November 2014.

(ii) Directive 92/23/EEC shall be repealed with effect from 1 November 2017.

(iii) Regulation (EC) No.661/2009 shall apply from 1 November 2011, However;

Article 13(15), Article 14 and points 1(a)(iii), 1(b)(iii) and (iv), 2(c), 3(a)(iii), 3(b)(iii), 3(e)(iii) and 3(f)(i) of Annex III shall be deemed to have entered into force on 20 August 2009.

Points 1(a)(i), 1(b)(i), 2(a), 3(a)(i), 3(b)(i), 3(c)(i), 3(d)(i), 3(e)(i) and 3(f)(ii) of Annex III shall apply from 1 November 2014.

Points 1(a)(ii), 1(b)(ii), 2(b), 3(a)(ii), 3(b)(ii), 3(c)(ii), 3(d)(ii), 3(e)(ii) and point 4 of Annex III shall apply from 1 November 2017;

(2) Commission Directive 2010/19/EU of 9 March 2010 amending, for the purpose of adaptation to technical progress in the field of spray-suppression systems of certain categories of motor vehicles and their trailers, Council Directive 91/226/EEC and Directive 2007/46/EC of the European Parliament and of the Council. This Directive amends Schedule IV, XI, XXI, XXII of L.N. 148 of 2009;

(3) Commission Regulation (EU) No. 371/2010 of 16 April 2010 replacing Annexes V, X, XV, and XVI 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. This Regulation amends Schedule V, X, XV, XVI, XXII of L.N. 148 of 2009. Commission Regulation (EU) No. 371/2010 shall be deemed to have entered into force on 29 April 2010;

(4) Commission Regulation (EU) No. 406/2010 of 26 April 2010 implementing Regulation (EC) No. 79/2009 of the European Parliament and of the Council on type-approval

of hydrogen-powered motor vehicles. This Regulation amends Schedule XXI of L.N. 148 of 2009. Commission Regulation (EU) No. 406/2010 has be deemed to have entered into force 7 June 2010;

(5) Commission Regulation (EU) No 672/2010 of 27 July 2010 concerning type-approval requirements for windscreen defrosting systems of certain motor vehicles and implementing Regulation (EC) No 661/2009 of the European Parliament and of the Council concerning type-approval requirements for the general safety of motor vehicles, their trailers and systems, components and separate technical units intended therefore. This Regulation amends Schedule XXI of L.N. 148 of 2009. Commission Regulation (EU) No.672/2010 shall be deemed to have entered into force on 17 August 2010.

3. For Schedule IV to the principal regulations, there shall be substituted the following:-

Substitutes Schedule IV to the principal regulations.

Item	Subject	Regulatory act reference	Official Journal reference	Applicability									
				M1	M2	M3	N1	N2	N3	O1	O2	O3	O4
38	Head restraints	Directive 78/932/EEC	L 325, 20.11.1978, p. 1	X									
39	CO ₂ emissions/fuel consumption	Directive 80/1268/EEC	L 375, 31.12.1980, p. 36	X			X						
40	Engine power (repealed with affect from 31 Dec 2013)	Directive 80/1269/EEC	L 375, 31.12.1980, p. 46	X	X	X	X	X	X				
41	Emissions (Euro IV and V) heavy-duty vehicles. (repealed with affect from 31 Dec 2013)	Directive 2005/ 55/EC	L 275, 20.10.2005, p. 1	X ₍₁₀₎	X ₍₁₀₎	X	X ₍₁₀₎	X ₍₁₀₎	X				
41a	Emissions (Euro VI) heavy duty vehicles/access to information. (shall apply from 31Dec 2013)	Regulation (EC) No 595/2009	L 188, 18.7.2009, p.1	X ₁₂	X ₁₂	X	X ₁₂	X ₁₂	X				
42	Lateral protection	Directive 89/297/EEC	L 124, 5.5.1989, p. 1					X	X			X	X
43	Spray-suppression systems	Directive 91/226/EEC	L 103, 23.4.1991, p. 5				X ₍₁₃₎	X	X	X ₍₁₃₎	X ₍₁₃₎	X	X
44	Masses and dimensions (cars)	Directive 92/21/ EEC	L 129, 14.5.1992, p. 1	X									
45	Safety glazing	Directive 92/22/ EEC	L 129, 14.5.1992, p. 11	X	X	X	X	X	X	X	X	X	X
46	Tyres	Directive 92/23/ EEC	L 129, 14.5.1992, p. 95	X	X	X	X	X	X	X	X	X	X
47	Speed limitation devices	Directive 92/24/ EEC	L 129, 14.5.1992, p. 154		X	X		X	X				
48	Masses and dimensions (other than vehicles referred to in item 44)	Directive 97/27/ EC	L 233, 28.8.1997, p. 1		X	X	X	X	X	X	X	X	X
49	External projections of cabs	Directive 92/114/EEC	L 409, 31.12.1992, p. 17				X	X	X				
50	Couplings	Directive 94/20/ EC	L 195, 29.7.1994, p. 1	X ₍₃₎	X ₍₃₎	X ₍₃₎	X ₍₃₎	X ₍₃₎	X ₍₃₎	X	X	X	X
51	Flammability	Directive 95/28/ EC	L 281, 23.11.1995, p. 1			X							
52	Buses and coaches	Directive 2001/ 85/EC	L 42, 13.2.2002, p. 1		X	X							
53	Frontal impact	Directive 96/79/ EC	L 18, 21.1.1997, p. 7	X ₍₆₎									
54	Side impact	Directive 96/27/ EC	L 169, 8.7.1996, p. 1	X ₍₁₁₎			X ₍₁₁₎						
55	(empty)												
56	Vehicles intended for the transport of dangerous goods	Directive 98/91/ EC	L 11, 16.1.1999, p. 25				X ₍₄₎	X ₍₄₎	X ₍₄₎	X ₍₄₎	X ₍₄₎	X ₍₄₎	X ₍₄₎
57	Front under-run protection	Directive 2000/ 40/EC	L 203, 10.8.2000, p. 9					X	X				
58	Pedestrian protection	Regulation (EC) No 78/2009	L 35, 4.2.2009, p.1	X			X						

Item	Subject	Regulatory act reference	Official Journal reference	Applicability									
				M1	M2	M3	N1	N2	N3	O1	O2	O3	O4
59	Recyclability	Directive 2005/ 64/EC	L 310, 25.11.2005, p. 10	X			X		—				
61	Air-conditioning systems	Directive 2006/ 40/EC	L 161, 14.6.2006, p. 12	X			X ⁽⁸⁾						
62	Hydrogen system	Regulation (EC) No 79/2009	L 35, 14.2.2006, p. 32	X	X	X	X	X	X				
63	General Safety	Regulation (EC) No 661/2009	OJ L 200, 31.7.2009, p.1.	X	X	X	X	X	X	X	X	X	X

X Regulatory act applicable (see act for details).

- (1) Vehicles of this category shall be fitted with an adequate windscreen defrosting and demisting device.
- (2) Vehicles of this category shall be fitted with adequate windscreen washing and wiping devices.
- (3) The requirements of Directive 94/20/EC shall apply only to vehicles equipped with couplings.
- (4) The requirements of Directive 98/91/EC shall apply only when the manufacturer applies for the type-approval of a vehicle intended for the transport of dangerous goods.
- (5) In case of LPG or CNG vehicles, pending the adoption of the relevant amendments to Directive 70/221/EEC in order to include LPG and CNG tanks, a vehicle approval in accordance with UNECE Regulation No 67, as amended by the 01 series of amendments or UNECE Regulation No 110 is required.
- (6) Not exceeding 2,5 tonnes technically permissible maximum laden mass.
- (8) Only for vehicles of category N₁, class I as described in the first table in point 5.3.1.4 of Annex I to Directive 70/220/EEC.
- (9) For vehicles with a reference mass not exceeding 2610kg. At the manufacturer's request may apply to vehicles with a reference mass not exceeding 2840kg.
- (10) For vehicles with a reference mass exceeding 2610kg and which did not benefit from the opportunity offered in footnote (9).
- (11) Only applicable to vehicles where the "seating reference point ('R' point)" of the lowest seat is not more than 700mm high above the ground level. The "R" point is defined in Directive 77/649/EEC.
- (12) For vehicles with reference mass exceeding 26100kg which are not type-approved (at the manufacturer's request and provided their reference mass does not exceed 2840kg) under Regulation (EC) No 715/2007.
- (13) Applicable to those categories with effect from 9 April 2010. Directive 91/226/EEC is Not mandatory to off-road vehicles.

**List of regulatory acts for type-approval of vehicles belonging to the category M₁, produced in small series
pursuant to Article 22**

	Subject	Regulatory act reference	Official Journal reference	M ₁
1	Permissible sound level	Directive 70/157/EEC	L 42, 23.2.1970, p. 16	A
2	Emissions with the exception of the whole set of requirements relating to On Board Diagnostics (OBDs)	Directive 70/220/EEC	L 76, 6.4.1970, p. 1	A
2a	Emissions (Euro 5 and 6) with the exception of the whole set of requirements relating to On Board Diagnostics (OBDs) and access to information	Regulation (EC) No 715/2007	L 171, 29.6.2007, p. 1	A
3	Fuel tanks/Rear protective devices	Directive 70/221/EEC	L 76, 6.4.1970, p. 23	B
4	Rear registration plate space	Directive 70/222/EEC	L 76, 6.4.1970, p. 25	B
5	Steering effort	Directive 70/311/EEC	L 133, 18.6.1970, p. 10	C
6	Door latches and hinges	Directive 70/387/EEC	L 176, 10.8.1970, p. 5	C
7	Audible warning	Directive 70/388/EEC	L 176, 10.8.1970, p. 12	B
8	Indirect vision devices	Directive 2003/97/EC	L 25, 29.1.2004, p. 1	X (2) B (4)
9	Braking	Directive 71/320/EEC	L 202, 6.9.1971, p. 37	A
10	Radio interference (electromagnetic compatibility)	Directive 72/245/EEC	L 152, 6.7.1972, p. 15	A (1) C (3)
11	Diesel smoke	Directive 72/306/EEC	L 190, 20.8.1972, p. 1	A
12	Interior fittings	Directive 74/60/EEC	L 38, 11.2.1974, p. 2	C
13	Anti-theft and immobiliser	Directive 74/61/EEC	L 38, 11.2.1974, p. 22	A
14	Protective steering	Directive 74/297/EEC	L 165, 20.6.1974, p. 16	C
15	Seat strength	Directive 74/408/EEC	L 221, 12.8.1974, p. 1	C
16	Exterior projections	Directive 74/483/EEC	L 266, 2.10.1974, p. 4	C
17	Speedometer and reverse gear	Directive 75/443/EEC	L 196, 26.7.1975, p. 1	B
18	Plates (statutory)	Directive 76/114/EEC	L 24, 30.1.1976, p. 1	B
19	Seat-belt anchorages	Directive 76/115/EEC	L 24, 30.1.1976, p. 6	B
20	Installation of lighting and light signalling devices	Directive 76/756/EEC	L 262, 27.9.1976, p. 1	B
21	Retro reflectors	Directive 76/757/EEC	L 262, 27.9.1976, p. 32	X

	Subject	Regulatory act reference	Official Journal reference	M ₁
22	End-outline, front position (side), rear-position (side), stop, side marker, daytime running lamps	Directive 76/758/EEC	L 262, 27.9.1976, p. 54	X
23	Direction indicators	Directive 76/759/EEC	L 262, 27.9.1976, p. 71	X
24	Rear registration plate lamps	Directive 76/760/EEC	L 262, 27.9.1976, p. 85	X
25	Headlamps (including bulbs)	Directive 76/761/EEC	L 262, 27.9.1976, p. 96	X
26	Front fog lamps	Directive 76/762/EEC	L 262, 27.9.1976, p. 122	X
27	Towing hooks	Directive 77/389/EEC	L 145, 13.6.1977, p. 41	B
28	Rear fog lamps	Directive 77/538/EEC	L 220, 29.8.1977, p. 60	X
29	Reversing lamps	Directive 77/539/EEC	L 220, 29.8.1977, p. 72	X
30	Parking lamps	Directive 77/540/EEC	L 220, 29.8.1977, p. 83	X
31	Seat-belts and restraint systems	Directive 77/541/EEC	L 220, 29.8.1977, p. 95	A (2) B (4)
32	Forward vision	Directive 77/649/EEC	L 267, 19.10.1977, p. 1	A
33	Identification of controls, tell-tales and indicators	Directive 78/316/EEC	L 81, 28.3.1978, p. 3	A
34	Defrost/demist	Directive 78/317/EEC	L 81, 28.3.1978, p. 27	C
35	Wash/wipe	Directive 78/318/EEC	L 81, 28.3.1978, p. 49	C
36	Heating system	Directive 2001/56/EC	L 292, 9.11.2001, p. 21	C
37	Wheel guards	Directive 78/549/EEC	L 168, 26.6.1978, p. 45	B
39	CO ₂ emissions/Fuel consumption	Directive 80/1268/EEC	L 375, 31.12.1980, p. 36	A
40	Engine power (repealed with affect from 31 Dec 2013)	Directive 80/1269/EEC	L 375, 31.12.1980, p. 46	C
41	Emissions (Euro IV and V) heavy-duty vehicles with the exception of the whole set of requirements relating to On Board Diagnostics (OBDS) (repealed with affect from 31 Dec 2013)	Directive 2005/55/EC	L 275, 20.10.2005, p. 1	A
41a	Emissions (Euro VI) heavy duty vehicles/access to information. (shall apply from 31Dec 2013)	Regulation (EC) No 595/2009	L 188, 18.7.2009, p.1	A
44	Masses and dimensions (cars)	Directive 92/21/EEC	L 129, 14.5.1992, p. 1	C
45	Safety glazing	Directive 92/22/EEC	L 129, 14.5.1992, p. 11	X (2) B (4)
46	Tyres	Directive 92/23/EEC	L 129, 14.5.1992, p. 95	X (2) B (4)
50	Couplings	Directive 94/20/EC	L 195, 29.7.1994, p. 1	X (2) A (4)
53	Frontal impact	Directive 96/79/EC	L 18, 21.1.1997, p. 7	N/A
54	Side impact	Directive 96/27/EC	L 169, 8.7.1996, p. 1	N/A

	Subject	Regulatory act reference	Official Journal reference	M ₁
58	Pedestrian protection	Regulation (EC) No 78/2009	L 35, 4.2.2009, p.1	N/A(*)
59	Recyclability	Directive 2005/64/EC	L 310, 25.11.2005, p 10	N/A (5)
61	Air-conditioning system	Directive 2006/40/EC	L 161, 14.6.2006, p. 12	X (2) B (3)
62	Hydrogen system	Regulation (EC) No 79/2009	L 35, 4.2.2009, p. 32	X
63	General Safety	Regulation (EC) No 661/2009	OJ L 200, 31.7.2009, p. 1	P/A

- (¹) Electronic sub-assembly.
- (²) Component.
- (³) Vehicle.
- (⁴) Installation prescriptions.
- (⁵) However, Article 7 of Directive 2005/64/EC applies.

Key

- X: EC type-approval certificate shall be issued; conformity of production shall be ensured.
- A: No exemptions permitted except those specified in the regulatory act. Type-approval certificate and type-approval mark are not required. Test reports shall be established by a notified technical service.
- B: The technical prescriptions of the regulatory act shall be fulfilled. The tests provided for in the regulatory act shall be performed in their entirety; subject to the agreement of the approval authority, they may be performed by the manufacturer himself; the manufacturer may be allowed to issue the technical report; a type-approval certificate does not have to be issued and type-approval is not required.
- C: The manufacturer shall demonstrate to the satisfaction of the approval authority that the essential requirements of the regulatory act are fulfilled. N/A This regulatory act is not applicable (no requirements).
- N/A This regulatory act is not applicable (no requirements).
- Any frontal protection system supplied with the vehicle shall comply with the requirements of Regulation (EC) No 78/2009. Shall be provided with a type approval number and shall be marked accordingly.
- P/A This Regulation is partially applicable. The precise scope of application is established in the implementing measures to this Regulation

PART II

List of UNECE regulations recognised as an alternative to directives or regulations mentioned in Part I

Where reference is made to a separate Directive or Regulation in the table of Part I, an approval issued under the following UNECE Regulations to which the Community has acceded as a Contracting Party to the United Nations Economic Commission for Europe "Revised 1958 Agreement" by virtue of Council Decision 97/836/EC ⁽¹⁾, or subsequent Council decisions as referred to in Article 3(3) of that Decision, shall be considered as equivalent to an EC type-approval granted under the relevant separate Directive or Regulation.

Any further amendment of the UNECE Regulations listed below ⁽²⁾ shall also be deemed to be equivalent, subject to the Community Decision as referred to in Article 4(2) of Decision 97/836/EC.

	Subject	Basic UNECE Regulation number	Series of amendments
1 (*)	Permissible sound level	51	02
	Replacement silencing systems	59	00
2	Emissions	83	05
	Replacement catalytic converters	103	00
3	Fuel tanks	34	02
	LPG tanks	67	01
	CNG tanks	110	00
	Rear protective device	58	01
5	Steering effort	79	01
6	Door latches and hinges	11	02
7	Audible warning	28	00
8	Indirect vision devices	46	02
9	Braking	13	10
	Braking	13H	00
	Brake linings	90	01
10	Radio interference (electromagnetic compatibility)	10	02
11	Diesel smoke	24	03
12	Interior fittings	21	01
13	Anti-theft	18	03
	Anti-theft and immobiliser	116	00
	Vehicle Alarm Systems	97 116	01 00
14	Behaviour of steering device under impact	12	03
15	Seat strength	17	07

⁽¹⁾ OJ L 346, 17.12.1997, p. 78.

⁽²⁾ For subsequent amendments, see UNECE TRANS/WP.29/343 in its latest revision.

	Subject	Basic UNECE Regulation number	Series of amendments
	Seat strength (buses and coaches)	80	01
16	Exterior projections	26	03
17	Speedometer	39	00
19	Seat-belt anchorages	14	06
20	Installation of lighting and light signalling devices	48	03
21	Retro reflectors	3	02
22	End-outline/front-position (side)/rear-position (side)/stop lamps	7	02
	Daytime running lamps	87	00
	Side marker lamps	91	00
23	Direction indicators	6	01
24	Rear registration plate lamp	4	00
25	Headlamps (R ₂ and HS ₁)	1	02
25	Headlamps (sealed beam)	5	02
	Headlamps (H ₁ , H ₂ , H ₃ , HB ₃ , HB ₄ , H ₇ , and/or H ₈ , H ₉ , HIR ₁ , HIR ₂ and/or H ₁₁)	8	05
	Headlamps (H ₄)	20	03
	Headlamps (halogen sealed beam)	31	02
	Filament lamps for use in approved lamp units	37	03
	Headlamps with gas-discharge light sources	98	00
	Gas-discharge light sources for use in approved gas-discharge lamp units	99	00
	Headlamps (asymmetrical passing beam)	112	00
	Adaptative front-lighting systems	123	00
26	Front fog lamps	19	02
28	Rear fog lamps	38	00
29	Reversing lamps	23	00
30	Parking lamps	77	00
31	Seat-belts and restraint systems	16	04
	Child restraints	44	04
32	Front forward field of vision	125	00
33	Identification of controls, tell-tales and indicators	121	00
36	Heating systems	122	00

	Subject	Basic UNECE Regulation number	Series of amendments
38	Head restraints (combined with seats)	17	07
	Head restraints	25	04
39	CO ₂ emissions — Fuel consumption	101	00
40	Engine power	85	00
41	Emissions (Euro IV and V) heavy-duty vehicles	49	04
42	Lateral protection	73	00
45	Safety glazing	43	00
46	Tyres, motor vehicles and their trailers	30	02
	Tyres, commercial vehicles and their trailers	54	00
	Temporary-use spare wheels/tyres	64	01
	Rolling sound	117	01
47	Speed limitation devices	89	00
50	Couplings	55	01
	Close-coupling device	102	00
51	Flammability	118	00
52	Buses and coaches	107	02
	Strength of superstructure (buses and coaches)	66	00
53	Frontal impact	94	01
54	Side impact	95	02
56	Vehicles intended for the transport of dangerous goods	105	04
57	Front under-run protection	93	00

Where the separate directive or regulation contains installation requirements, these apply also to components and separate technical units approved in accordance with the UNECE Regulations.

(*) The numbering of the entries in this table refers to the numbering used in the table of Part I.”.

Substitutes Schedule
V to the principal
regulations.

4. For Schedule V to the principal regulations, there shall be substituted the following:-

“SCHEDULE V**PROCEDURES TO BE FOLLOWED WITH RESPECT TO EC TYPE-APPROVAL****0. Objectives and scope**

0.1. This Schedule establishes the procedures for the proper operation of the vehicle type-approval in accordance with the provisions of Article 9.

0.2. It also includes:

(a) the list of international standards which are of relevance for the designation of the technical services in accordance with Article 41;

(b) the description of the procedure to be followed for the assessment of the skills of technical services in accordance with Article 42;

(c) the general requirements for the drafting of test reports by technical services.

1. Type-approval process

When receiving an application for vehicle type-approval, the approval authority shall:

(a) verify that all EC type-approval certificates issued pursuant to the regulatory acts which are applicable for vehicle type-approval cover the vehicle type and correspond to the prescribed requirements;

(b) by reference to the documentation make sure that the vehicle specifications and data contained in Part I of the vehicle information document are included in the data in the information packages and in the EC type-approval certificates in respect of the relevant regulatory acts;

(c) when an item number in Part I of the information document is not included in the information package of any of the regulatory acts, confirm that the relevant part or characteristic conforms to the particulars in the information folder;

(d) on a selected sample of vehicles from the type to be approved carry out or arrange to be carried out inspections of vehicle parts and systems to verify that the vehicle(s) is/are built in accordance with the relevant data contained in the authenticated information package in respect of the relevant EC type-approval certificates;

(e) carry out or arrange to be carried out relevant installation checks in respect of separate technical units where applicable;

(f) carry out or arrange to be carried out necessary checks in respect of the presence of the devices provided for in footnotes (1) and (2) of Part I of Schedule IV where applicable;

(g) carry out or arrange to be carried out necessary checks in order to ensure that the requirements provided for in footnote (5) of Part I of Schedule IV are fulfilled.

2. Combination of technical specifications

The number of vehicles to be submitted shall be sufficient to permit the proper check of the various combinations to be type-approved according to the following criteria:

Technical Specification	Vehicle Category									
	M1	M2	M3	N1	N2	N3	O1	O2	O3	O4
Engine	X	X	X	X	X	X	-	-	-	-
Gear box	X	X	X	X	X	X	-	-	-	-
Number of axles	-	X	X	X	X	X	X	X	X	X
Powered axles (number, position and interconnection)	X	X	X	X	X	X	-	-	-	-
Steered axles (number and position)	X	X	X	X	X	X	X	X	X	X
Body styles	X	X	X	X	X	X	X	X	X	X
Number of doors	X	X	X	X	X	X	X	X	X	X
Hand of drive	X	X	X	X	X	X	-	-	-	-
Number of seats	X	X	X	X	X	X	-	-	-	-
Level of equipment	X	X	X	X	X	X	-	-	-	-

3. Specific Provisions

Where no approval certificates for any of the relevant regulatory acts are available, the approval authority shall:

- (a) arrange for the necessary tests and checks as required by each of the relevant regulatory acts;
- (b) verify that the vehicle conforms to the particulars in the vehicle information folder and that it meets the technical requirements of each of the relevant regulatory acts;
- (c) carry out or arrange to be carried out relevant installation checks in respect of separate technical units where applicable;
- (d) carry out or arrange to be carried out necessary checks in respect of the presence of the devices provided for in footnotes (1) and (2) of Part I of Schedule IV where applicable;
- (e) carry out or arrange to be carried out necessary checks in order to ensure that the requirements provided for in footnote (5) of Part I of Schedule IV are fulfilled.

Appendix 1

Standards with which the entities referred to in Article 41 have to comply

1. Activities related to testing for type-approval, to be carried out in accordance with the regulatory acts listed in Schedule IV:

- 1.1. Category A (tests performed in own facilities):

EN ISO/IEC 17025:2005 on the general requirements for the competence of testing and calibration laboratories.

A technical service designated for category A activities may carry out or supervise the tests provided for in the regulatory acts for which it has been designated, in the facilities of a manufacturer or of a third party.

- 1.2. Category B (supervising of tests performed in the manufacturer's facilities or in the facilities of a third party):

EN ISO/IEC 17020:2004 on the general criteria for the operation of various types of bodies performing inspection.

Before performing or supervising any test in the facilities of a manufacturer or of a third party, the technical service shall check that the tests facilities and measurement devices comply with the appropriate requirements of the standard referred to in point 1.1.

2. Activities related to Conformity of Production

- 2.1. Category C (procedure for the Initial Assessment and surveillance audits of the manufacturer's quality management system):

EN ISO/IEC 17021:2006 on the requirements for bodies providing audit and certification of management systems.

- 2.2. Category D (inspection or testing of production samples or supervision thereof):

EN ISO/IEC 17020:2004 on the general criteria for the operation of various types of bodies performing inspection.

Appendix 2

Procedure for the assessment of the technical services**1. Purpose of this Appendix**

1.1. This Appendix establishes the conditions according to which the assessment procedure of the technical services shall be conducted by the competent authority referred to in Article 42.

1.2. These requirements shall apply *mutatis mutandis* to all technical services, irrespective of their legal status (independent organisation, manufacturer or approval authority acting as technical service).

2. Principles of assessing

Assessing shall be characterised by reliance on a number of principles:

- independence which is the basis for the impartiality and objectivity of the conclusions,
- an evidence-based approach which guarantees reliable and reproducible conclusions.

Auditors shall show trust and integrity. They shall respect confidentiality and discretion.

They shall report truthfully and accurately findings and conclusions.

3. Skills required of the auditors

3.1. The assessments may only be conducted by auditors having the technical and administrative knowledge necessary for such purposes.

3.2. The auditors shall have been trained specifically for assessment activities. In addition, they shall have the specific knowledge of the technical area in which the technical service will exercise its activities.

3.3. Without prejudice to points 3.1 and 3.2 of this Appendix, the assessment referred to in Article 42 shall be conducted by auditors independent of the activities for which the assessment is conducted.

4. Application for designation

4.1. A duly authorised representative of the applicant technical service shall make a formal application to the competent authority that includes the following:

- (a) general features of the technical service, including corporate entity, name, addresses, legal status and technical resources;
- (b) a detailed description including curriculum vitae of the personnel in charge of testing and of the managerial staff as evidenced by the skills both educational and professional;
- (c) in addition to the above, technical services which use virtual testing methods shall provide evidence of their ability to work in a Computer-Aided-x environment;
- (d) general information concerning the technical service such as its activities, its relationship in a larger corporate entity if any, and addresses of all its physical location(s) to be covered by the scope of designation;
- (e) an agreement to fulfil the requirements for designation and the other obligations of the technical service as applicable in the relevant Directives;
- (f) a description of the conformity assessment services that the technical service undertakes in the framework of the applicable regulatory acts and a list of the regulatory acts for which the technical service applies for designation, including limits of capability where applicable;
- (g) a copy of the quality manual of the technical service.

4.2. The competent authority shall review for adequacy the information supplied by the technical service.

5. Resource review

The competent authority shall review its ability to carry out the assessment of the technical service, in terms of its own policy, its competence and the availability of suitable auditors and experts.

6. Subcontracting the assessment

- 6.1. The competent authority may subcontract parts of the assessment to another designation authority or ask for support from technical experts provided by other competent authorities. The subcontractors and experts have to be accepted by the applicant technical service.
- 6.2. The competent authority shall take into account accreditation certificates with adequate scope in order to complete its global assessment of the technical service.

7. Preparation for assessment

- 7.1. The competent authority shall formally appoint an assessment team. The former shall ensure that the expertise brought to each assignment is appropriate. In particular, the team as a whole:
- (a) shall have appropriate knowledge of the specific scope for which designation is sought; and
 - (b) shall have understanding sufficient to make a reliable assessment of the competence of the technical service to operate within its scope of designation.
- 7.2. The competent authority shall clearly define the assignment given to the assessment team. The task of the assessment team is to review the documents collected from the applicant technical service and to conduct the on-site assessment.
- 7.3. The competent authority shall agree, together with the technical service and the assigned assessment team, to the date and schedule for the assessment. However, it remains the responsibility of the competent authority to pursue a date that is in accordance with the surveillance and reassessment plan.
- 7.4. The competent authority shall ensure that the assessment team is provided with the appropriate criteria documents, previous assessment records, and the relevant documents and records of the technical service.

8. On-site assessment

The assessment team shall conduct the assessment of the technical service at the premises of the technical service from which one or more key activities are performed and, where relevant, shall perform witnessing at other selected locations where the technical service operates.

9. Analysis of findings and assessment report

- 9.1. The assessment team shall analyse all relevant information and evidence gathered during the document and record review and the on-site assessment. This analysis shall be sufficient to allow the team to determine the extent of competence and conformity of the technical service with the requirements for designation.
- 9.2. The competent authority's reporting procedures shall ensure that the following requirements are fulfilled.
- 9.2.1. A meeting shall take place between the assessment team and the technical service prior to leaving the site. At this meeting, the assessment team shall provide a written and/or oral report on its findings obtained from the analysis. An opportunity shall be provided for the technical service to ask questions about the findings, including non-conformities, if any, and their basis.
- 9.2.2. A written report on the outcome of the assessment shall be promptly brought to the attention of the technical service. This assessment report shall contain comments on competence and conformity, and shall identify non-conformities, if any, to be resolved in order to conform to all of the requirements for designation.
- 9.2.3. The technical service shall be invited to respond to the assessment report and to describe the specific actions taken or planned to be taken, within a defined time, to resolve any identified non-conformities.

9.3. The competent authority shall ensure that the responses of the technical service to resolve non-conformities are reviewed to see if the actions appear to be sufficient and effective. If the technical service responses are found not to be sufficient, further information shall be requested. Additionally, evidence of effective implementation of actions taken may be requested, or a follow-up assessment may be carried out to verify effective implementation of corrective actions.

9.4. The assessment report shall include, as a minimum the following:

- (a) unique identification of the technical service;
- (b) date(s) of the on-site assessment;
- (c) name(s) of the auditors(s) and/or experts involved in the assessment;
- (d) unique identification of all premises assessed;
- (e) proposed scope of designation that was assessed;
- (f) a statement on the adequacy of the internal organisation and procedures adopted by the technical service to give confidence in its competence, as determined through its fulfilment of the requirements for designation;
- (g) information on the resolution of all non-conformities;
- (h) a recommendation of whether the applicant should be designated or confirmed as technical service and, if so, the scope of designation.

10. Granting/confirming a designation

10.1. The approval authority shall, without undue delay, make the decision on whether to grant, confirm or extend designation on the basis of the report(s) and any other relevant information.

10.2. The approval authority shall provide a certificate to the technical service. This certificate shall identify the following:

- (a) the identity and logo of the approval authority;
- (b) the unique identity of the designated technical service;
- (c) the effective date of granting of designation and the expiry date;
- (d) a brief indication of or a reference to the scope of designation (applicable directives, regulations or part of them);
- (e) a statement of conformity and a reference to the present Directive.

11. Reassessment and surveillance

11.1. Reassessment is similar to an initial assessment except that experience gained during previous assessments shall be taken into account. Surveillance on-site assessments are less comprehensive than reassessments.

11.2. The competent authority shall design its plan for reassessment and surveillance of each designated technical service so that representative samples of the scope of designation are assessed on a regular basis.

The interval between on-site assessments, whether reassessment or surveillance, depends on the proven stability that the technical service has reached.

11.3. When, during surveillance or reassessments, non-conformities are identified, the competent authority shall define strict time limits for corrective actions to be implemented.

- 11.4. When the corrective or improvement actions have not been taken within the agreed timeframe or are not deemed to be sufficient, the competent authority shall adopt appropriate measures, such as conducting a further assessment or suspending/withdrawing the designation for one or more of the activities for which the technical service has been designated.
- 11.5. When the competent authority decides to suspend or withdraw the designation of a technical service, it shall inform the latter by registered mail. In any case, the competent authority shall adopt all the necessary measures to ensure the continuity of the activities already undertaken by the technical service.

12. Records on designated technical services

- 12.1. The competent authority shall maintain records on technical services to demonstrate that requirements for designation, including competence, have been effectively fulfilled.
- 12.2. The competent authority shall keep the records on technical services secure to ensure confidentiality.
- 12.3. Records on technical services shall include at least the following:
- (a) relevant correspondence;
 - (b) assessment records and reports;
 - (c) copies of designation certificates.

Appendix 3

General requirements concerning the format of the test reports

1. For each of the regulatory acts listed in Part I of Schedule IV, the test report shall comply with the provisions of Standard EN ISO/IEC 17025:2005. In particular it shall include the information mentioned in point 5.10.2, including footnote (1) of that Standard.

2. The template of the test reports shall be laid down by the approval authority in accordance with its rules of good practice.

3. The test report shall be drafted in the official language of the Community determined by the approval authority.

4. Moreover it shall include at least the following information:

- (a) the identification of the vehicle, component or separate technical unit tested;
- (b) a detailed description of the vehicle, component or separate technical unit characteristics in connection with the regulatory act;
- (c) the results of the measurements specified in the relevant regulatory acts and, when required, the limits or thresholds which are to be met;
- (d) in regard to each measurement mentioned in point 4(c) the relevant decision: passed or failed;
- (e) a detailed statement of compliance with the various provisions which are to be met, i.e. such provisions for which it is not required to make measurements.

Example from Section 3.2.2 of Annex I to Council Directive 76/114/EEC (1):

“Check that the vehicle identification number is placed in such a way that it cannot be obliterated or deteriorate”;

the report shall include a statement such as: “the place of stamping the vehicle identification number fulfils the requirements of Section 3.2.2 of Schedule I”;

(f) when test methods other than those prescribed in the regulatory acts are permitted the report shall include a description of the test method used for performing the test.

The same applies when alternative provisions in the regulatory acts may be used;

(g) pictures taken during testing, the number of which shall be decided by the approval authority.

In the case of virtual testing, screen prints or other suitable evidence may replace pictures;

(h) conclusions drawn up;

(i) when opinions and interpretations have been made, they shall be documented properly and marked as such in the test report.

5. When the tests are conducted on a vehicle, component or technical unit that combines a number of most unfavourable features with regard to the required level of performance to be achieved (i.e. the worst-case), the test report shall include a reference stating how the selection has been made by the manufacturer in agreement with the approval authority. ”.

Substitutes Schedule VI to the principal regulations.

5. For Schedule VI to the principal regulations, there shall be substituted the following:-

“SCHEDULE VI

MODELS OF THE TYPE-APPROVAL CERTIFICATE

MODEL A

(to be used for type-approval of a vehicle)

Maximum format: A4 (210 × 297 mm)

EC VEHICLE TYPE-APPROVAL CERTIFICATE

Stamp of type-approval authority

Communication concerning:

EC type-approval (¹)
extension of EC type-approval (¹)
refusal of EC type-approval (¹)
withdrawal of EC type-approval (¹)

Of a type of:

— complete vehicle (¹)
— completed vehicle (¹)
— incomplete vehicle (¹)
— vehicle with complete and incomplete variants (¹)
— vehicle with completed and incomplete variants (¹)

with regard to Directive 2007/46/EC as last amended by Directive/.../EC / Regulation (EC) No./... (¹)

EC type-approval number:

Reason for extension:

SECTION I

0.1. Make (trade name of manufacturer):

0.2. Type:

0.2.1. Commercial name(s) (¹):

0.3. Means of identification of type, if marked on the vehicle:

0.3.1. Location of that marking:

0.4. Category of vehicle (¹):

0.5. Name and address of manufacturer of the complete vehicle (¹):

(¹) Delete where not applicable.

(¹) If not available at the time of granting the type-approval, this item shall be completed at the latest when the vehicle is introduced on the market.

(¹) As defined in Annex II.A.

Name and address of manufacturer of the base vehicle () ():

Name and address of manufacturer of the latest built stage of the incomplete vehicle () ():

Name and address of manufacturer of the completed vehicle () ():

0.8. Name(s) and address(es) of assembly plant(s):

0.9. Name and address of the manufacturer's representative (if any):

SECTION II

The undersigned hereby certifies the accuracy of the manufacturer's description in the attached information document of the vehicle(s) described above ((a) sample(s) having been selected by the EC type-approval authority and submitted by the manufacturer as prototype(s) of the vehicle type) and that the attached test results are applicable to the vehicle type.

1. For complete and completed vehicles/variants ():

The vehicle type meets/does not meet () the technical requirements of all the relevant regulatory acts as prescribed in Annex IV and Annex XI () () to Directive 2007/46/EC.

2. For incomplete vehicles/variants ():

The vehicle type meets/does not meet () the technical requirements of the regulatory acts listed in the table on side 2.

3. The approval is granted/refused/withdrawn ().

4. The approval is granted in accordance with Article 20 and the validity of the approval is thus limited to dd/mm/yy.

(Place)

(Signature)

(Date)

Attachments: Information package.

Test results (see Annex VIII).

Name(s) and specimen(s) of the signature(s) of the person(s) authorised to sign certificates of conformity and a statement of their position in the company.

NB: If this model is used for type-approval pursuant to Articles 20, 22 or 23, it may not bear the heading "EC Vehicle Type-Approval Certificate", except:

- in the case mentioned in Article 20 where the Commission has decided to allow a Member State to grant a type-approval in accordance with this Directive,
- in the case of vehicles of the category M1, type-approved according to the procedure prescribed in Article 22.

Side 2

This EC type-approval is, where incomplete and completed vehicles, variants or versions are concerned, based on the approval(s) for incomplete vehicles listed below:

Stage 1: Manufacturer of the base vehicle:

EC type-approval number:

Dated:

Applicable to variants or versions (as appropriate):

Stage 2: Manufacturer:

EC type-approval number:

Dated:

Applicable to variants or versions (as appropriate):

Stage 3: Manufacturer:

EC type-approval number:

Dated:

Applicable to variants or versions (as appropriate):

In the case where the approval includes one or more incomplete variants or versions (as appropriate), list those variants or versions (as appropriate) which are complete or completed. Complete/completed variant(s): List of requirements applicable to the approved incomplete vehicle type, variant or version (as appropriate, taking account of

the scope and latest amendment to each of the regulatory acts listed below).

Item	Subject	Regulatory act reference	Last amended	Applicable to variant or, if need be, to version

(List only subjects for which an EC type-approval exists.)

In the case of special purpose vehicles, exemptions granted or special provisions applied pursuant to Annex XI and exemptions granted pursuant to Article 20:

Regulatory act reference	Item number	Kind of approval and nature of exemption	Applicable to variant or, if need be, to version

Appendix I

List of regulatory acts to which the type of vehicle complies

(to be filled in only in the case of type-approval in accordance with Article 6(3))

Subject	Regulatory act reference (1)	As amended by	Applicable to versions
1. Permissible sound level	Directive 70/157/EEC		
2. Emissions	Directive 70/220/EEC		
2a. Emissions (Euro 5 and 6) light-duty vehicles/access to information	Regulation (EC) No 715/2007		
3. Fuel tanks/Rear protective devices	Directive 70/221/EEC		
4. Rear registration plate space	Directive 70/222/EEC		
5. Steering effort	Directive 70/311/EEC		
6. Door latches and hinges	Directive 70/387/EEC		
7. Audible warning	Directive 70/388/EEC		
8. Rear visibility	Directive 71/127/EEC		
8a. Indirect vision devices	Directive 2003/97/EC		
9. Braking	Directive 71/320/EEC		
10. Radio interference (electromagnetic compatibility)	Directive 72/245/EEC		
11. Diesel smoke	Directive 72/306/EEC		
12. Interior fittings	Directive 74/60/EEC		
13. Anti-theft and immobiliser	Directive 74/61/EEC		
14. Protective steering	Directive 74/297/EEC		
15. Seat strength	Directive 74/408/EEC		
16. Exterior projections	Directive 74/483/EEC		
17. Speedometer and reverse gear	Directive 75/443/EEC		

Subject	Regulatory act reference (1)	As amended by	Applicable to versions
18. Plates (statutory)	Directive 76/114/EEC		
19. Seat-belt anchorages	Directive 76/115/EEC		
20. Installation of lighting and light signalling devices	Directive 76/756/EEC		
21. Retro reflectors	Directive 76/757/EEC		
22. End-outline, front-position (side), rear-position (side), stop, side marker, daytime running lamps	Directive 76/758/EEC		
23. Direction indicators	Directive 76/759/EEC		
24. Rear registration plate lamps	Directive 76/760/EEC		
25. Headlamps (including bulbs)	Directive 76/761/EEC		
26. Front fog lamps	Directive 76/762/EEC		
27. Towing hooks	Directive 77/389/EEC		
28. Rear fog lamps	Directive 77/538/EEC		
29. Reversing lamps	Directive 77/539/EEC		
30. Parking lamps	Directive 77/540/EEC		
31. Seat-belts and restraint systems	Directive 77/541/EEC		
32. Forward vision	Directive 77/649/EEC		
33. Identification of controls, tell-tales and indicators	Directive 78/316/EEC		
34. Defrost/demist	Directive 78/317/EEC		
35. Wash/wipe	Directive 78/318/EEC		
36. Heating systems	Directive 2001/56/EC		
37. Wheel guards	Directive 78/549/EEC		
38. Head restraints	Directive 78/932/EEC		
39. CO ₂ emissions/Fuel consumption	Directive 80/1268/EEC		

Subject	Regulatory act reference (i)	As amended by	Applicable to versions
40. Engine power (shall be repealed with effect from 31 st Dec 2013)	Directive 80/1269/EEC		
41. Emissions (Euro IV and V) heavy-duty vehicles. (shall be repealed with effect from 31 st Dec 2013)	Directive 2005/55/EC		
41a. Emissions (Euro VI) heavy duty vehicles/access to information. (Shall apply from 13Dec 2013)	Regulation (EC) No 595/2009		
42. Lateral protection	Directive 89/297/EEC		
43. Spray-suppression systems	Directive 91/226/EEC		
44. Masses and dimensions (cars)	Directive 92/21/EEC		
45. Safety glazing	Directive 92/22/EEC		
46. Tyres	Directive 92/23/EEC		
47. Speed limitation devices	Directive 92/24/EEC		
48. Masses and dimensions (other than vehicles referred to in item 44)	Directive 97/27/EC		
49. External projections of cabs	Directive 92/114/EEC		
50. Couplings	Directive 94/20/EC		
51. Flammability	Directive 95/28/EC		
52. Buses and coaches	Directive 2001/85/EC		
53. Frontal impact	Directive 96/79/EC		
54. Side impact	Directive 96/27/EC		
56. Vehicles intended for the transport of dangerous goods	Directive 98/91/EC		
57. Front under-run protection	Directive 2000/40/EC		
58. Pedestrian protection	Regulation (EC) No 78/2009		
59. Recyclability	Directive 2005/64/EC		
61. Air-conditioning systems	Directive 2006/40/EC		
62. Hydrogen system	Regulation (EC) No 79/2009		
63. General Safety	Regulation (EC) No 661/2009		

(to be used for type-approval of a system or type-approval of a vehicle with regard to a system)

Maximum format: A4 (210 × 297 mm)

EC TYPE-APPROVAL CERTIFICATE

Stamp of type-approval authority

Communication concerning:

- | | | |
|--------------------------------------|---|---|
| - EC type-approval (¹) | ↓ | of a type of system/type of a vehicle with regard to a system (¹) |
| - extension of EC type-approval (¹) | | |
| - refusal of EC type-approval (¹) | | |
| - withdrawal of EC type-approval (¹) | | |

with regard to Directive .../.../EC / Regulation (EC) No .../... (¹), as last amended by Directive .../.../EC / Regulation (EC) No .../... (¹)

EC type-approval number:

Reason for extension:

SECTION I

0.1. Make (trade name of manufacturer):

0.2. Type:

0.2.1. Commercial name(s) (if available):

0.3. Means of identification of type, if marked on the vehicle (¹):

0.3.1. Location of that marking:

0.4. Category of vehicle (¹):

0.5. Name and address of manufacturer:

0.8. Name(s) and address(es) of assembly plant(s):

0.9. Name and address of the manufacturer's representative (if any):

SECTION II

1. Additional information (where applicable): see Addendum.

2. Technical service responsible for carrying out the tests:

3. Date of test report:

(¹) Delete where not applicable.

(²) If the means of identification of type contains characters not relevant to describe the vehicle, component or separate technical unit types covered by this information document, such characters shall be represented in the documentation by the symbol "?" (e.g. ABC??123??).

(³) As defined in Annex II, Section A.

- 4 Number of test report:
- 5 Remarks (if any): see Addendum.
- 6 Place:
- 7 Date:
- 8 Signature:

Attachments: Information package

Test report

Addendum

to EC type-approval certificate No ...

1. Additional information

1.1. [...];

1.1.1. [...];

[...]

2. Type-approval number of each component or separate technical unit installed on the vehicle type to comply with this Directive or Regulation

2.1. [...];

3. Remarks

3.1. [...];

MODEL C

(to be used for component/separate technical unit type-approval)

Maximum format: A4 (210 × 297 mm)

EC TYPE-APPROVAL CERTIFICATE

Stamp of type-approval authority

Communication concerning:

- EC type-approval ⁽¹⁾ 9
- extension of EC type-approval ⁽¹⁾ of a type of component/separate technical unit ⁽¹⁾
- refusal of EC type-approval ⁽¹⁾
- withdrawal of EC type-approval ⁽¹⁾

with regard to Directive .../.../EC / Regulation (EC) No .../... ⁽¹⁾, as last amended by Directive .../.../EC / Regulation (EC) No .../... ⁽¹⁾

EC type-approval number:

Reason for extension:

SECTION I

- 0.1. Make (trade name of manufacturer):
- 0.2. Type:
- 0.3. Means of identification of type, if marked on the component/separate technical unit ⁽¹⁾ ⁽²⁾:
 - 0.3.1. Location of that marking:
- 0.5. Name and address of manufacturer:
- 0.7. In the case of components and separate technical units, location and method of affixing of the EC approval mark:
- 0.8. Name(s) and address(es) of assembly plant(s):
- 0.9. Name and address of the manufacturer's representative (if any):

SECTION II

- 1. Additional information (where applicable): see Addendum
- 2. Technical service responsible for carrying out the tests:
- 3. Date of test report:
- 4. Number of test report:
- 5. Remarks (if any): see Addendum

⁽¹⁾ Delete where not applicable.

⁽²⁾ If the means of identification of type contains characters not relevant to describe the vehicle, component or separate technical unit types covered by this information document, such characters shall be represented in the documentation by the symbol “?” (e.g.. ABC??123??).

6. Place:
7. Date:
8. Signature:

Attachments: Information package.

 Test report.

*Addendum***to EC type-approval certificate No ...**

1. Additional information

1.1. [...]:

1.1.1. [...]:
[...]

2. Restriction of use of the device (if any)

2.1. [...]:

3. Remarks

3.1. [...]: ”.

Substitutes Schedule
X to the principal
regulations.

6. For Schedule X to the principal regulations, there shall be substituted the following:-

“ SCHEDULE X

CONFORMITY OF PRODUCTION PROCEDURES**0. Objectives**

0.1. The conformity of production procedure aims to ensure that each produced vehicle, system, component and technical separate unit is in conformity with the approved type.

0.2. Procedures include inseparably the assessment of quality management systems, referred to below as “initial assessment” and verification of the approval subject and product-related controls, referred to as “product conformity arrangements”.

1. Initial assessment

1.1. The approval authority of a Member State shall verify the existence of satisfactory arrangements and procedures for ensuring effective control so that components, systems, separate technical units or vehicles when in production conform to the approved type.

1.2. Guidance for conducting assessments may be found in Standard EN ISO 19011:2002 — Guidelines for quality and/or environmental management systems auditing.

1.3. The requirements referred to in point 1.1 shall be verified to the satisfaction of the authority granting type- approval.

That authority shall be satisfied with the initial assessment and the product conformity arrangements at section 2 below, taking account as necessary of one of the arrangements described in points 1.3.1 to 1.3.3, or a combination of those arrangements in full or in part as appropriate.

1.3.1. The actual initial assessment and/or verification of product conformity arrangements shall be carried out by the approval authority granting the approval or an appointed body acting on behalf of the approval authority.

1.3.1.1. When considering the extent of the initial assessment to be carried out, the approval authority may take account of available information relating to:

(a) the manufacturer’s certification described in point 1.3.3 below, which has not been qualified or recognised under that point;

(b) in the case of component or separate technical unit type-approval, quality system assessments performed in the component or separate technical unit manufacturer’s premises by vehicle manufacturer(s), according to one or more of the industry sector specifications satisfying the requirements in harmonised standard EN ISO 9001:2008.

1.3.2. The actual initial assessment and/or verification of product conformity arrangements may also be carried out by the approval authority of another Member State or the appointed body designated for this purpose by the approval authority.

1.3.2.1. In such a case, the approval authority of the other Member State shall prepare a statement of compliance outlining the areas and production facilities it has covered as relevant to the product(s) to be type-approved and to the regulatory acts according to which these products are to be type-approved.

1.3.2.2. On receiving an application for a compliance statement from the approval authority of a Member State granting type-approval, the approval authority of another Member State shall send forthwith the statement of compliance or advise that it is not in a position to provide such a statement.

1.3.2.3. The statement of compliance shall include at least the following:

- (a) Group or company (e.g. XYZ Automotive)
- (b) Particular organisation (e.g. European Division)
- (c) Plants/Sites (e.g. Engine Plant 1 (United Kingdom) — Vehicle Plant 2 (Germany))
- (d) Vehicle/Component range (e.g. All Category M₁ models)
- (e) Areas assessed (e.g. Engine assembly, body pressing and assembly, vehicle assembly)
- (f) Documents examined (e.g. Company and site quality manual and procedures)
- (g) Date of the assessment (e.g. Audit conducted from 18 to 30.5.2009)
- (h) Planned monitoring visit (e.g. October 2010)

1.3.3. The approval authority shall also accept the manufacturer's suitable certification to harmonised standard EN ISO 9001:2008 or an equivalent harmonised standard as satisfying the initial assessment requirements of point 1.3. The manufacturer shall provide details of the certification and undertake to inform the approval authority of any revisions to its validity or scope.

1.4. For the purpose of vehicle type-approval, the initial assessments carried out for granting approvals for systems, components and technical units of the vehicle need not be repeated but shall be completed by an assessment covering the locations and activities relating to the assembly of the whole vehicle not covered by the former assessments.

2. Product conformity arrangements

2.1. Every vehicle, system, component or separate technical unit approved pursuant to this Directive or a separate Directive or Regulation shall be so manufactured as to conform to the type approved by meeting the requirements of this Directive or the applicable regulatory acts listed in Schedule IV.

2.2. The approval authority of a Member State shall verify the existence of adequate arrangements and documented control plans, to be agreed with the manufacturer for each approval, to carry out at specified intervals those tests or associated checks necessary to verify continued conformity with the approved type including specifically physical tests specified in the regulatory acts.

2.3. The holder of the type-approval shall, in particular:

2.3.1. ensure the existence and application of procedures for effective control of the conformity of products (vehicles, systems, components or separate technical units) to the approved type;

2.3.2. have access to the testing or other appropriate equipment necessary for checking the conformity to each approved type;

2.3.3. ensure that test or check results data are recorded and that annexed documents remain available for a period to be determined in agreement with the approval authority. This period shall not exceed 10 years;

2.3.4. analyse the results of each type of test or check, in order to verify and ensure the stability of the product characteristics, making allowance for variation of an industrial production;

2.3.5. ensure that for each type of product, at least the checks prescribed in this Directive and the tests prescribed in the applicable regulatory acts listed in Schedule IV are carried out;

2.3.6. ensure that any set of samples or test pieces, giving evidence of non-conformity in the type of test or check in question gives rise to a further sampling and test or check. All the necessary steps shall be taken to restore conformity of the corresponding production;

2.3.7. in the case of vehicle type-approval, the checks referred to in point 2.3.5 shall at least consist in verifying the correct built specifications in relation to the approval and the information required for certificates of conformity given in Schedule IX.

3. Continued verification arrangements

- 3.1. The authority which has granted type-approval may at any time verify the conformity control methods applied in each production facility.
- 3.1.1. The normal arrangements shall be to monitor the continued effectiveness of the procedures laid down in Sections 1 and 2 (initial assessment and product conformity arrangements) of this Schedule.
- 3.1.1.1. Surveillance activities carried out by the technical services (qualified or recognised as required in point 1.3.3) shall be accepted as satisfying the requirements of point 3.1.1 with regard to the procedures established at initial assessment.
- 3.1.1.2. The normal frequency of verifications by the approval authority (other than those referred to in point 3.1.1.1) shall be such as to ensure that the relevant controls applied in accordance with Sections 1 and 2 are reviewed over a period consistent with the climate of trust established by the approval authority.
- 3.2. At every review, records of tests or checks and records of production shall be made available to the inspector; in particular, records of those tests or checks documented as required in point 2.2.
- 3.3. The inspector may select samples at random to be tested in the manufacturer's laboratory or in the facilities of the technical service. In such a case only physical test shall be carried out. The minimum number of samples may be determined according to the results of the manufacturer's own verification.
- 3.4. Where the level of control appears unsatisfactory, or when it seems necessary to verify the validity of the tests carried out in accordance with point 3.2, the inspector shall select samples to be sent to a technical service to perform physical tests.
- 3.5. Where unsatisfactory results are found during an inspection or a monitoring review, the approval authority shall ensure that all necessary steps are taken to restore conformity of production as rapidly as possible.”.

Substitutes Schedule
XI to the principal
regulations.

7. For Schedule XI to the principal regulations, there shall be substituted the following:-

“SCHEDULE XI

LIST OF REGULATORY ACTS SETTING THE REQUIREMENTS FOR THE PURPOSE OF EC TYPE-
APPROVAL OF SPECIAL PURPOSE VEHICLES

Appendix 1

Motor-caravans, ambulances and hearses

Item	Subject	Regulatory act reference	$M_1 \leq 2\,500$ (t) kg	$M_1 > 2\,500$ (t) kg	M_2	M_3
1	Permissible sound level	Directive 70/157/EEC	H	G + H	G + H	G + H
2	Emissions	Directive 70/220/EEC	Q	G + Q	G + Q	G + Q
2a	Emissions (Euro 5 and 6) light-duty vehicles/access to information	Regulation (EC) No 715/2007	Q	G + Q	G + Q	
3	Fuel tanks/rear protective devices	Directive 70/221/EEC	F	F	F	F
4	Rear registration plate space	Directive 70/222/EEC	X	X	X	X
5	Steering effort	Directive 70/311/EEC	X	G	G	G
6	Door latches and hinges	Directive 70/387/EEC	B	G + B		
7	Audible warning	Directive 70/388/EEC	X	X	X	X
8	Devices for indirect vision	2003/97/EC	X	G	G	G
9	Braking	Directive 71/320/EEC	X	G	G	G
10	Radio interference (electromagnetic compatibility)	Directive 72/245/EEC	X	X	X	X
11	Diesel smoke	Directive 72/306/EEC	H	H	H	H
12	Interior fittings	Directive 74/60/EEC	C	G + C		
13	Anti-theft and immobiliser	Directive 74/61/EEC	X	G	G	G
14	Protective steering	Directive 74/297/EEC	X	G		
15	Seat strength	Directive 74/408/EEC	D	G + D	G + D	G + D
16	Exterior projections	Directive 74/483/EEC	X for the cab; A for the remaining part	G for the cab; A for the remaining part		

Item	Subject	Regulatory act reference	M ₁ ≤ 2 500 (t) kg	M ₁ > 2 500 (t) kg	M ₂	M ₃
17	Speedometer and reverse gear	Directive 75/443/EEC	X	X	X	X
18	Plates (statutory)	Directive 76/114/EEC	X	X	X	X
19	Seat-belt anchorages	Directive 76/115/EEC	D	G + L	G + L	G + L
20	Installation of lighting and light signalling devices	Directive 76/756/EEC	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
21	Retro reflectors	Directive 76/757/EEC	X	X	X	X
22	End-outline, front-side, rear-side, stop, day time running, side-marker lamps	Directive 76/758/EEC	X	X	X	X
23	Direction indicators	Directive 76/759/EEC	X	X	X	X
24	Rear registration plate lamps	Directive 76/760/EEC	X	X	X	X
25	Headlamps (including bulbs)	Directive 76/761/EEC	X	X	X	X
26	Front fog lamps	Directive 76/762/EEC	X	X	X	X
27	Towing hooks	Directive 77/389/EEC	E	E	E	E
28	Rear fog lamps	Directive 77/538/EEC	X	X	X	X
29	Reversing lamps	Directive 77/539/EEC	X	X	X	X
30	Parking lamps	Directive 77/540/EEC	X	X	X	X
31	Seat-belts and restraint systems	Directive 77/541/EEC	D	G + M	G + M	G + M
32	Forward vision	Directive 77/649/EEC	X	G		
33	Identification of controls, tell-tales and indicators	Directive 78/316/EEC	X	X	X	X
34	Defrost/demist	Directive 78/317/EEC	X	G + O	O	O
35	Wash/wipe	Directive 78/318/EEC	X	G + O	O	O
36	Heating systems	Directive 2001/56/EC	X	X	X	X
37	Wheel guards	Directive 78/549/EEC	X	G		

Item	Subject	Regulatory act reference	M ₁ ≤ 2 500 (i) kg	M ₁ > 2 500 (i) kg	M ₂	M ₃
38	Head restraints	Directive 78/932/EEC	D	G + D		
39	CO ₂ emissions/fuel consumption	Directive 80/1268/EEC	N/A	N/A		
40	Engine power (shall be repealed with effect from 31 st Dec 2013)	Directive 80/1269/EEC	X	X	X	X
41	Emissions (Euro IV and V) heavy-duty vehicles (shall be repealed with effect from 31 st Dec 2013)	Directive 2005/55/EC	H	G + H	G + H	G + H
41a	Emissions (Euro VI) heavy duty vehicles/access to information (shall apply from 31 Dec 2013)	Regulation (EC) No 595/2009	G + H	G + H	G + H	G + H
44	Masses and dimensions (cars)	Directive 92/21/EEC	X	X		
45	Safety glazing	Directive 92/22/EEC	J	G + J	G + J	G + J
46	Tyres	Directive 92/23/EEC	X	G	G	G
47	Speed limitation devices	Directive 92/24/EEC				X
48	Masses and dimensions (other than vehicles referred to in item 44)	Directive 97/27/EC			X	X
50	Couplings	Directive 94/20/EC	X	G	G	G
51	Flammability	Directive 95/28/EC				G for the cab; X for the remaining part
52	Buses and coaches	Directive 2001/85/EC			A	A
53	Front impact	Directive 96/79/EC	N/A	N/A		
54	Side impact	Directive 96/27/EC	N/A	N/A		
58	Pedestrian protection	Regulation (EC) 78/2009	X	N/A (*)		
59	Recyclability	Directive 2005/64/EC	N/A	N/A		
61	Air-conditioning system	Directive 2006/40/EC	X	X		
62	Hydrogen system	Regulation (EC) No 79/2009	Q	G + Q	G + Q	G + Q
63	General Safety	Regulation (EC) No 661/2009	P/A	P/A	P/A	P/A

(¹) Technically permissible maximum laden mass.

(²) Not exceeding 3,5 tonnes maximum laden mass.

(*) Any frontal protection system supplied with the vehicle shall comply with the requirements of Regulation (EC) No 78/2009, shall be provided with a type approval and shall be marked accordingly.

Armoured vehicles

[illegible]

Item	Subject	Regulatory act reference	M ₁	M ₂	M ₃	N ₁	N ₂	N ₃	O ₁	O ₂	O ₃	O ₄
22	End-outline, front-side, rear-side, stop, day time running, side-marker lamps	Directive 76/758/EEC	X	X	X	X	X	X	X	X	X	X
23	Direction indicators	Directive 76/759/EEC	X	X	X	X	X	X	X	X	X	X
24	Rear registration plate lamps	Directive 76/760/EEC	X	X	X	X	X	X	X	X	X	X
25	Headlamps (including bulbs)	Directive 76/761/EEC	X	X	X	X	X	X				
26	Front fog lamps	Directive 76/762/EEC	X	X	X	X	X	X				
27	Towing hooks	Directive 77/389/EEC	A	A	A	A	A	A				
28	Rear fog lamps	Directive 77/538/EEC	X	X	X	X	X	X	X	X	X	X
29	Reversing lamps	Directive 77/539/EEC	X	X	X	X	X	X	X	X	X	X
30	Parking lamps	Directive 77/540/EEC	X	X	X	X	X	X				
31	Seat-belts and restraint systems	Directive 77/541/EEC	A	A	A	A	A	A				
32	Forward vision	Directive 77/649/EEC	S									
33	Identification of controls, tell-tales and indicators	Directive 78/316/EEC	X	X	X	X	X	X				
34	Defrost/demist	Directive 78/317/EEC	A	O	O	O	O	O				
35	Wash/wipe	Directive 78/318/EEC	A	O	O	O	O	O				
36	Heating systems	Directive 2001/56/EC	X	X	X	X	X	X	X	X	X	X
37	Wheel guards	Directive 78/549/EEC	X									
38	Head restraints	Directive 78/932/EEC	X									
39	CO ₂ emissions/fuel consumption	Directive 80/1268/EEC	N/A									
40	Engine power (shall be repealed with effect from 31 st Dec 2013)	Directive 80/1269/EEC	X	X	X	X	X	X				
41	Emissions (Euro IV and V) heavy-duty vehicles (shall be repealed with effect from 31 st Dec 2013)	Directive 2005/55/EC	A	X	X	X	X	X				
41a	Emissions (Euro VI) heavy duty vehicles/access to information (shall apply from 31Dec 2013)	Regulation (EC) No 595/2009	X	X	X	X	X	X				
42	Lateral protection	Directive 89/297/EEC					X	X			X	X
43	Spray suppression systems	Directive 91/226/EEC				X ⁽¹³⁾	X	X	X ⁽¹³⁾	X ⁽¹³⁾	X	X
44	Masses and dimensions (cars)	Directive 92/21/EEC	X									
45	Safety glazing	Directive 92/22/EEC	N/A	N/ A	N/A	N/ A	N/ A	N/A	N/ A	N/ A	N/A	N/A

Item	Subject	Regulatory act reference	M ₁	M ₂	M ₃	N ₁	N ₂	N ₃	O ₁	O ₂	O ₃	O ₄
46	Tyres	Directive 92/23/EEC	A	A	A	A	A	A	A	A	A	A
47	Speed limitation devices	Directive 92/24/EEC		X	X		X	X				
48	Masses and dimensions (other than vehicles referred to in item 44)	Directive 97/27/EC		X	X	X	X	X	X	X	X	X
49	External projections of cabs	Directive 92/114/EEC				A	A	A				
50	Couplings	Directive 94/20/EC	X	X	X	X	X	X	X	X	X	X
51	Flammability	Directive 95/28/EC			X							
52	Buses and coaches	Directive 2001/85/EC		A	A							
53	Front impact	Directive 96/79/EC	N/ A									
54	Side impact	Directive 96/27/EC	N/ A			N/ A						
56	Vehicles intended for the transport of dangerous goods	Directive 98/91/EC				X (i)	X (i)	X (i)	X (i)	X (i)	X (i)	X (i)
57	Front under-run protection	Directive 2000/40/EC					X	X				
58	Pedestrian protection	Regulation (EC) No 78/2009	N/ A			N/ A						
59	Recyclability	Directive 2005/64/EC	N/ A			N/ A						
61	Air-conditioning system	Directive 2006/40/EC	X			Z						
62	Hydrogen System	Regulation (EC) No 79/2009	A	A	A	A	A	A				
63	General Safety	Regulation (EC) No 661/2009	P/A	P/A	P/A	P/A	P/A	P/A	P/A	P/A	P/A	P/A

(i) The requirements of Directive 98/91/EC are only applicable when the manufacturer applies for the EC type-approval of a vehicle intended for the transport of dangerous goods.

Appendix 3

Wheelchair accessible vehicles

Item	Subject	Regulatory act reference	M ₁
1	Permissible sound level	Directive 70/157/EEC	X
2	Emissions	Directive 70/220/EEC	G + W ₁
2a	Emissions (Euro 5 and 6) light-duty vehicles/ access to information	Regulation (EC) No 715/2007	G + W ₁
3	Fuel tanks/rear protective devices	Directive 70/221/EEC	X + W ₂
4	Rear registration plate space	Directive 70/222/EEC	X
5	Steering effort	Directive 70/311/EEC	X
6	Door latches and hinges	Directive 70/387/EEC	X
7	Audible warning	Directive 70/388/EEC	X
8	Indirect vision devices	Directive 2003/97/EEC	X
9	Braking	Directive 71/320/EEC	X
10	Radio interference (electromagnetic compatibility)	Directive 72/245/EEC	X
11	Diesel smoke	Directive 72/306/EEC	X
12	Interior fittings	Directive 74/60/EEC	X
13	Anti-theft and immobiliser	Directive 74/61/EEC	X
14	Protective steering	Directive 74/297/EEC	X
15	Seat strength	Directive 74/408/EEC	X + W ₃
16	Exterior projection	Directive 74/483/EEC	X + W ₄
17	Speedometer and reverse gear	Directive 75/443/EEC	X
18	Plates (statutory)	Directive 76/114/EEC	X
19	Seat-belt anchorages	Directive 76/115/EEC	X + W ₅

Item	Subject	Regulatory act reference	M ₁
20	Installation of lighting and light signalling devices	Directive 76/756/EEC	X
21	Reflex reflectors	Directive 76/757/EEC	X
22	End-outline, front position (side), rear-position (side), stop, side marker, daytime running lamps	Directive 76/758/EEC	X
23	Direction indicators	Directive 76/759/EEC	X
24	Rear registration plate lamps	Directive 76/760/EEC	X
25	Headlamps (including bulbs)	Directive 76/761/EEC	X
26	Front fog lamps	Directive 76/762/EEC	X
27	Towing hooks	Directive 77/389/EEC	X
28	Rear fog lamps	Directive 77/538/EEC	X
29	Reversing lamps	Directive 77/539/EEC	X
30	Parking lamps	Directive 77/540/EEC	X
31	Seat-belts and restraint systems	Directive 77/541/EEC	X + W ₆
32	Forward vision	Directive 77/649/EEC	X
33	Identification of controls, tell-tales and indicators	Directive 78/316/EEC	X
34	Defrost/demist	Directive 78/317/EEC	X
35	Wash/wipe	Directive 78/318/EEC	X
36	Heating systems	Directive 2001/56/EC	X
37	Wheel guards	Directive 78/549/EEC	X
39	CO ₂ emissions/fuel consumption	Directive 80/1268/EEC	X + W ₇
40	Engine power (shall be repealed with effect from 31 st Dec 2013)	Directive 80/1269/EEC	X
41	Diesel emissions (shall be repealed with effect from 31 st Dec 2013)	Directive 2005/55/EC	X
41a	Emissions (Euro VI) heavy duty vehicles/access to information. (shall apply from 31 st Dec 2013)	Regulation (EC) No 595/2009	X

Item	Subject	Regulatory act reference	M ₁
44	Masses and dimensions(cars)	Directive 92/21/EEC	X + W ₈
45	Safety glazing	Directive 92/22/EEC	X
46	Tyres	Directive 92/23/EEC	X
50	Couplings	Directive 94/20/EC	X
53	Frontal impact	Directive 96/79/EC	X + W ₉
54	Side impact	Directive 96/27/EC	X + W ₁₀
58	Pedestrian protection	Regulation (EC) No 78/2009	X
59	Recyclability	Directive 2005/64/EC	N/A
61	Air-conditioning systems	Directive 2006/40/EC	X
62	Hydrogen system	Regulation (EC) No 79/2009	X
63	General Safety	Regulation (EC) No 661/2009	P/A

Other special purpose vehicles (including trailer caravans)

Application of the exemptions is only permitted if the manufacturer demonstrates to the satisfaction of the approval authority that the vehicle, due to the special function, cannot meet all the requirements.

[illegible]

Item	Subject	Regulatory act reference	M2	M3	N1	N2	N3	O1	O2	O3	O4
21	Retro reflectors	Directive 76/757/EEC	X	X	X	X	X	X	X	X	X
22	End-outline, front-side, rear-side, stop, day time running, side-marker lamps	Directive 76/758/EEC	X	X	X	X	X	X	X	X	X
23	Direction indicators	Directive 76/759/EEC	X	X	X	X	X	X	X	X	X
24	Rear registration plate lamps	Directive 76/760/EEC	X	X	X	X	X	X	X	X	X
25	Headlamps (including bulbs)	Directive 76/761/EEC	X	X	X	X	X				
26	Front fog lamps	Directive 76/762/EEC	X	X	X	X	X				
27	Towing hooks	Directive 77/389/EEC	A	A	A	A	A				
28	Rear fog lamps	Directive 77/538/EEC	X	X	X	X	X	X	X	X	X
29	Reversing lamps	Directive 77/539/EEC	X	X	X	X	X	X	X	X	X
30	Parking lamps	Directive 77/540/EEC	X	X	X	X	X				
31	Seat-belts and restraint systems	Directive 77/541/EEC	D	D	D	D	D				
33	Identification of controls, tell-tales and indicators	Directive 78/316/EEC	X	X	X	X	X				
34	Defrost/demist	Directive 78/317/EEC	O	O	O	O	O				
35	Wash/wipe	Directive 78/318/EEC	O	O	O	O	O				
36	Heating systems	Directive 2001/56/EC	X	X	X	X	X	X	X	X	X
40	Engine power (shall be repealed with effect from 31 st Dec 2013)	Directive 80/1269/EEC	X	X	X	X	X				
41	Emissions (Euro IV and V) heavy-duty vehicles (shall be repealed with effect from 31 st Dec 2013)	Directive 2005/55/EC	H	H	H	H	H				
41a	Emissions (Euro VI) heavy duty vehicles/access to information	Regulation (EC) No 595/2009	H	H	H	H	H				
42	Lateral protection	Directive 89/297/EEC				X	X			X	X
43	Spray suppression systems	Directive 91/226/EEC			X ₍₁₃₎	X	X	X ₍₁₃₎	X ₍₁₃₎	X	X
45	Safety glazing	Directive 92/22/EEC	J	J	J	J	J	J	J	J	J
46	Tyres	Directive 92/23/EEC	X	X	X	X	X	X	X	X	X
47	Speed limitation devices	Directive 92/24/EEC	X	X		X	X				

[illegible]

Appendix 5

Mobile cranes

Item	Subject	Regulatory act reference	Mobile crane of category N3
1	Permissible sound level	Directive 70/157/EEC	T
2	Emissions	Directive 70/220/EEC	X
2a	Emissions (Euro 5 and 6) light-duty vehicles/ access to information	Regulation (EC) No 715/2007	N/A
3	Fuel tanks/rear protective devices	Directive 70/221/EEC	X
4	Rear registration plate space	Directive 70/222/EEC	X
5	Steering effort	Directive 70/311/EEC	X crab steering allowed
6	Door latches and hinges	Directive 70/387/EEC	A
7	Audible warning	Directive 70/388/EEC	X
8	Indirect vision devices	Directive 2003/97/EC	X
9	Braking	Directive 71/320/EEC	U
10	Radio interference (electromagnetic compatibility)	Directive 72/245/EEC	X
11	Diesel smoke	Directive 72/306/EEC	X
12	Interior fittings	Directive 74/60/EEC	X
13	Anti-theft and immobiliser	Directive 74/61/EEC	X
15	Seat strength	Directive 74/408/EEC	D
17	Speedometer and reverse gear	Directive 75/443/EEC	X
18	Plates (statutory)	Directive 76/114/EEC	X
19	Seat-belt anchorages	Directive 76/115/EEC	D
20	Installation of lighting and light signalling devices	Directive 76/756/EEC	A + Y
21	Reflex reflectors	Directive 76/757/EEC	X

Item	Subject	Regulatory act reference	Mobile crane of category N3
22	End-outline, front position (side), rear-position (side), stop, side marker, daytime running lamps	Directive 76/758/EEC	X
23	Direction indicators	Directive 76/759/EEC	X
24	Rear registration plate lamps	Directive 76/760/EEC	X
25	Headlamps (including bulbs)	Directive 76/761/EEC	X
26	Front fog lamps	Directive 76/762/EEC	X
27	Towing hooks	Directive 77/389/EEC	A
28	Rear fog lamps	Directive 77/538/EEC	X
29	Reversing lamps	Directive 77/539/EEC	X
30	Parking lamps	Directive 77/540/EEC	X
31	Seat-belts and restraint systems	Directive 77/541/EEC	D
33	Identification of controls, tell-tales and indicators	Directive 78/316/EEC	X
34	Defrost/demist	Directive 78/317/EEC	O
35	Wash/wipe	Directive 78/318/EEC	O
36	Heating systems	Directive 2001/56/EC	X
40	Engine power (shall be repealed as from 31 st Dec 2013)	Directive 80/1269/EEC	X
41	Emissions (Euro IV and V) — heavy-duty vehicles (shall be repealed as from 31 st Dec 2013)	Directive 2005/55/EC	V
41a	Emissions (Euro VI) heavy duty vehicles/access to information	Regulation (EC) No 595 of 2009	V
42	Lateral protection	Directive 89/297/EEC	X
43	Spray-suppression systems	Directive 91/226/EEC	X
45	Safety glazing	Directive 92/22/EEC	J
46	Tyres	Directive 92/23/EEC	A (provided that the requirements in ISO 10571-1995 (tyres for mobile cranes and similar specialised machines) or ETRTO Standards Manual are fulfilled.

Item	Subject	Regulatory act reference	Mobile crane of category N3
47	Speed limitation devices	Directive 92/24/EEC	X
48	Masses and dimensions	Directive 97/27/EC	X
49	External projections of cabs	Directive 92/114/EEC	X
50	Couplings	Directive 94/20/EC	X
57	Front under-run protection	Directive 2000/40/EC	X
62	Hydrogen System	Regulation (EC) No 79/2009	X
63	General Safety	Regulation (EC) No 661/2009	P/A

Meaning of letters:

- X No exemptions except those specified in the regulatory act.
- N/A This regulatory act is not applicable to this vehicle (no requirements).
- (*) Any frontal protection system supplied with the vehicle shall comply with the requirements of Regulation (EC) No 78/2009, shall be provided with a type- approval number and shall be marked accordingly
- A Exemption permitted where special purposes make it impossible to fully comply. The manufacturer shall demonstrate this to the satisfaction of the type-approval authority that the vehicle cannot meet the requirements due to its special purpose.
- B Application limited to doors giving access to the seats designated for normal use when the vehicle is travelling on the road and where the distance between the R point of the seat and the average plane of the door surface, measured perpendicular to the longitudinal medium plane of the vehicle, does not exceed 500 mm.
- C Application limited to that part of the vehicle in front of the rearmost seat designated for normal use when the vehicle is travelling on the road and also limited to the head impact zone as defined in Directive 74/60/EEC.
- D Application limited to seats designated for normal use when the vehicle is travelling on the road. Seats which are not designated for use when the vehicle is travelling on the road shall be clearly identified to users either by means of a pictogram or a sign with an appropriate text.
- E Front only.
- F Modification to the routing and length of the refuelling duct and re-positioning of the tank inboard is permissible.
- G Requirements according to the category of the base/incomplete vehicle (the chassis of which was used to build the special purpose vehicle). In the case of incomplete/completed vehicles, it is acceptable that the requirements for vehicles of the corresponding category N (based on max. mass) are satisfied.
- H Modification of exhaust system length after the last silencer not exceeding 2 m is permissible without any further test.
- J For all window glazing other than driver's cab glazing (windshield and side glasses), the material may be either of safety glass or rigid plastic glazing.
- K Additional panic alarm devices permitted.
- L Application limited to seats designated for normal use when the vehicle is travelling on the road. At least anchorages for lap belts are required in the rear seating positions. Seats which are designated for use when the vehicle is travelling on the road shall be clearly identified to users either by means of a pictogram or a sign with an appropriate text.
- M Application limited to seats designated for normal use when the vehicle is travelling on the road. At least lap belts are required in all rear seating positions. Seats which are not designated for use when the vehicle is travelling on the road shall be clearly identified to users either by means of a pictogram or a sign with an appropriate text.
- N Provided that all mandatory lighting devices are installed and that the geometric visibility is not affected.
- O The vehicle shall be fitted with an adequate system in the front.
- Q Modification of exhaust system length after the last silencer not exceeding 2 m is permissible without any further test. An EC type-approval issued to the most representative base vehicle remains valid irrespective of change in the reference weight.
- R Provided that the registration plates of all Member States can be mounted and remain visible.
- S The light transmission factor is at least 60 %, also
the "A" pillar obstruction angle is not more than 10°.

- T Test to be performed only with the complete/completed vehicle. The vehicle can be tested according to Directive 70/157/EEC as last amended by 1999/101/EC. Concerning item 5.2.2.1 of Annex I to Directive 70/157/EEC the following limit values are applicable:
- (a) 81 dB(A) for vehicles with an engine power of less than 75 kW;
 - (b) 83 dB(A) for vehicles with an engine power of not less than 75 kW but less than 150 kW;
 - (c) 84 dB(A) for vehicles with an engine power of not less than 150 kW.
- U Test to be performed only with the complete/completed vehicle. Vehicles up to 4 axles shall comply with all the requirements laid down by Directive 71/320/EEC. Derogations are admitted for vehicles having more than 4 axles, provided that:
- they are justified by the particular construction all the braking performances, related to parking, service and secondary braking laid down by Directive 71/320/EEC are fulfilled.
- V The compliance with Directive 97/68/EC can be accepted.
- Requirements shall be complied with, but modification in the exhaust system is permitted without any further test provided the emission control devices including particulate filters (if any) are not affected. No new evaporative test shall be required on the modified vehicle on condition that the evaporative control devices are kept as fitted by the manufacturer of the base vehicle.
- W₁ An EC type approval issued to the most representative base vehicle remains valid irrespective of change in the reference mass.
- W₂ Requirements shall be complied with, but modification of the routing, length of the refuelling duct, fuel hoses and fuel vapour pipes is permitted. Re-location of the original fuel tank is permitted.
- W₃ A wheelchair location is considered as a seating position. For each wheelchair sufficient space shall be provided. The longitudinal plane of the special area shall be parallel to the longitudinal plane of the vehicle. Appropriate information shall be made available to the vehicle owner that a wheelchair used as a seat in the vehicle shall be capable of withstanding the forces transmitted by the tie-down mechanism during the various driving conditions.
- Appropriate adaptations may be made to the seats of the vehicle provided that their anchorages, mechanisms and head restraints guarantee the same level of performance provided for in the Directive.
- W₄ Compliance with Directive shall be required for the boarding aids when in the resting position.
- W₅ Each wheelchair location shall be fitted with an integrated restraint system which consists of a restraint system for the wheelchair and a restraint system for the wheelchair user.
- Anchorage for restraint systems shall resist forces as prescribed in Directive 76/115/EEC and in Standard ISO 105421: 2001.
- Webbings and hardware intended to secure the wheelchair (tie-down mechanisms) shall meet the requirements of Directive 77/541/EEC and of the relevant part of Standard ISO 10542.
- Tests shall be performed by the technical service which has been appointed for testing and checking in accordance with the Directives referred to above. The criteria are those included in these Directives. Tests shall be performed with the surrogate wheelchair described in Standard ISO 10542.
- W₆ When, due to the conversion, anchorage points for the safety belts need to be moved outside the tolerance provided for in point 2.7.8.1 of Annex I to Directive 77/541/EEC, the technical service shall check whether the alteration constitutes a worst case or not. If that is the case, the test provided for in Annex VII to Directive 77/541/EEC shall be performed. Extension to the EC type-approval does not need to be issued.
- W₇ A new measurement relating to CO₂ emissions does not need to be performed when, in application of the provisions under W₁, no fresh tests have to be performed with regard to tail pipe emissions.
- W₈ For the purposes of calculations, the mass of the wheelchair including the user shall be assumed to be 100 kg.
- The mass shall be concentrated at the H point of the three-dimensional machine.
- The technical service shall also consider the possibility to use electric wheelchair(s), the mass of which, including the user, is assumed to be 250 kg. Any limitation in the passenger capacity resulting from the use of electric wheelchair(s) shall be recorded in the type-approval certificate and an appropriate language thereto shall be included in the certificate of conformity.
- W₉ No new test shall be required on the modified vehicle on condition that the front part of the chassis located in front of the R point of the driver is not affected by the conversion of the vehicle and no part of the supplementary restraint system (air-bag(s)) has been removed or deactivated.
- W₁₀ No new test shall be required on the modified vehicle on condition that the side reinforcements have not been altered and no part of the supplementary restraint system (side air-bag(s)) has been removed or deactivated.
- Y Provided that all mandatory lighting devices are installed.
- Z Only for vehicles of category N₁, class I as described in the first table in point 5.3.1.4 of Annex I to Directive 70/220/EEC.'
- P/A This regulatory act is partially applicable. The precise scope of application is established in the implementing measures of this Regulation.
- (1) Applicable as from 9 April 2010. Directive 91/226/EEC is not mandatory to Off-road vehicles."

8. For Schedule XV to the principal regulations, there shall be substituted the following:-

Substitutes Schedule XV to the principal regulations.

“SCHEDULE XV

REGULATORY ACTS FOR WHICH A MANUFACTURER MAY BE DESIGNATED AS TECHNICAL SERVICE

0. Objectives and scope

- 0.1. This Annex lays down the list of the regulatory acts for which a manufacturer may be designated as technical service in accordance with Article 41(6).
- 0.2. It also includes appropriate provisions concerning the designation of a manufacturer as technical service, to be applied in the framework of the type-approval of vehicles, components and separate technical units concerned by Part I of Schedule IV.
- 0.3. However it does not apply to manufacturers which apply for small series approval in accordance with Article 22.

1. Appointment of a manufacturer as technical service

- 1.1. A manufacturer appointed as technical service is a manufacturer who has been designated by the approval authority as a testing laboratory to carry out approval tests on its behalf in the meaning of point 31 of Article 3.
- In accordance with Article 41(6), a manufacturer may only be designated as technical service for category A activities.
- 1.2. The expression “to carry out test” is not restricted to the measurement of performances but covers also the registration of test results and the submission of a report to the approval authority including the relevant conclusions.

It covers the checking of compliance with those provisions which do not necessarily require measurement. This is the case for the assessment of the design against legislative requirements.

For example, “check compliance of the location of the fuel tank in a vehicle with the provisions of point 5.10 of Annex I to Directive 70/221/EEC” has to be understood as part of “to carry out test”.

2. List of regulatory acts and restrictions

	Regulatory act reference	Subject
4.	Directive 70/222/EEC	Rear registration plate space
7.	Directive 70/388/EEC	Audible warning
18.	Directive 76/114/EEC	Plates (statutory)
20.	Directive 76/756/EEC	Installation of lighting and light signalling devices
27.	Directive 77/389/EEC	Towing hooks
33.	Directive 78/316/EEC	Identification of controls, tell-tales and indicators
34.	Directive 78/317/EEC	Defrost/demist
35.	Directive 78/318/EEC	Wash/wipe
36.	Directive 2001/56/EC	Heating systems Except the provisions in Annex VIII relating to installation requirements of LPG heating systems in vehicle.
37.	Directive 78/549/EEC	Wheel guards
44.	Directive 92/21/EEC	Masses and dimensions (cars)
45.	Directive 92/22/EEC	Safety glazing Restricted to the provisions included in Annex 21 to UNECE Regulation 43.
46.	Directive 92/23/EEC	Tyres
48.	Directive 97/27/EC	Masses and dimensions (other than vehicles referred to in item 44)
49.	Directive 92/114/EEC	External projections of cabs
50.	Directive 94/20/EC	Couplings Restricted to the provisions included in Schedule V (up to and including Section 8) and VII.
61.	Directive 2006/40/EC	Air-conditioning system

Appendix

Designation of a manufacturer as technical service**1. General**

1.1. The designation and notification of a manufacturer as technical service shall be made in accordance with the provisions of Articles 41, 42 and 43 as well with the practical measures included in this Appendix.

1.2. The manufacturer shall be accredited under Standard EN ISO/IEC 17025:2005 — General requirements for the competence of testing and calibration laboratories.

2. Subcontracting

2.1. In accordance with the provisions of Article 41(6) first subparagraph, a manufacturer may nominate a subcontractor for performing tests on his behalf.

By subcontractor it shall be understood:

- a) either a subsidiary which is entrusted with testing activities by the manufacturer inside its own organisation; or
- b) a third party under contract with the manufacturer to perform test activities.

2.2. Turning to the services of a subcontractor does not remove the obligation for the manufacturer to comply with the provisions of Article 41 in particular those concerning the skills of the technical services and compliance with Standard EN ISO/IEC 17025:2005.

2.3. Section 1 of Schedule XV shall apply to the subcontractor.

3. Test report

Test reports shall be drafted in accordance with the general requirements set out in Appendix 3 of Schedule V to Directive 2007/46/EC.”.

9. For Schedule XVI to the principal regulations, there shall be substituted the following:-

Substitutes Schedule XVI to the principal regulations.

“SCHEDULE XVI

SPECIFIC CONDITIONS REQUIRED FROM VIRTUAL TESTING METHODS AND REGULATORY ACTS FOR WHICH VIRTUAL TESTING METHODS MAY BE USED BY A MANUFACTURER OR A TECHNICAL SERVICE**0. Objectives and scope**

This Schedule lays down appropriate provisions concerning virtual testing in accordance with Article 11(3).

It shall not apply to the second subparagraph of Article 11(2).

1. List of regulatory acts No

Regulatory act reference	Subject
3. Directive 70/221/EEC	Fuel tanks/rear protective devices
6. Directive 70/387/EEC	Door latches and hinges
8. Directive 2003/97/EC	Indirect vision devices
12. Directive 74/60/EEC	Interior fittings
16. Directive 74/483/EEC	Exterior projections
20. Directive 76/756/EEC	Installation of lighting and light signalling devices
27. Directive 77/389/EEC	Towing hooks
32. Directive 77/649/EEC	Forward vision
35. Directive 78/318/EEC	Wash/wipe
37. Directive 78/549/EEC	Wheel guards
42. Directive 89/297/EEC	Lateral protection
49. Directive 92/114/EEC	External projections of cabs
50. Directive 94/20/EC	Couplings
52. Directive 2001/85/EC	Buses and coaches
57. Directive 2000/40/EC	Front underrun protection

Appendix 1

General conditions required from virtual testing methods**1. Virtual test pattern**

The following scheme shall be used as basis structure for describing and conducting virtual testing:

- (a) purpose;
- (b) structure model;
- (c) boundary conditions;
- (d) load assumptions;
- (e) calculation;
- (f) assessment;
- (g) documentation.

2. Fundamentals of computer simulation and calculation**2.1. Mathematical model**

The mathematical model shall be supplied by the manufacturer. It shall reflect the complexity of the structure of the vehicle, system and components to be tested in relation to the requirements of the regulatory act and its boundary conditions.

The same provisions shall apply *mutatis mutandis* for testing components or technical units independently from the vehicle.

2.2. Validation process of the mathematical model

The mathematical model shall be validated in comparison with the actual test conditions.

To that effect a physical test shall be conducted for the purposes of comparing the results obtained when using the mathematical model with the results of a physical test. Comparability of the test results shall be proven. A validation report shall be drafted by the manufacturer or by the technical service and submitted to the approval authority.

Any change made to the mathematical model or to the software likely to invalidate the validation report shall be brought to the attention of the approval authority which may require that a new validation process is conducted.

The flow chart of the validation process is shown in Appendix 3.

2.3. Documentation

The data and auxiliary tools used for the simulation and calculation shall be made available by the manufacturer and be documented in a suitable way.

3. Tools and support

At the request of the technical service, the manufacturer shall supply or provide access to the necessary tools including appropriate software.

In addition he shall provide appropriate support to the technical service.

Providing access and support to a technical service does not remove any obligation of the technical service regarding the skills of its personnel, the payment of licence rights and respect of confidentiality.

Appendix 2

Specific conditions concerning virtual testing methods

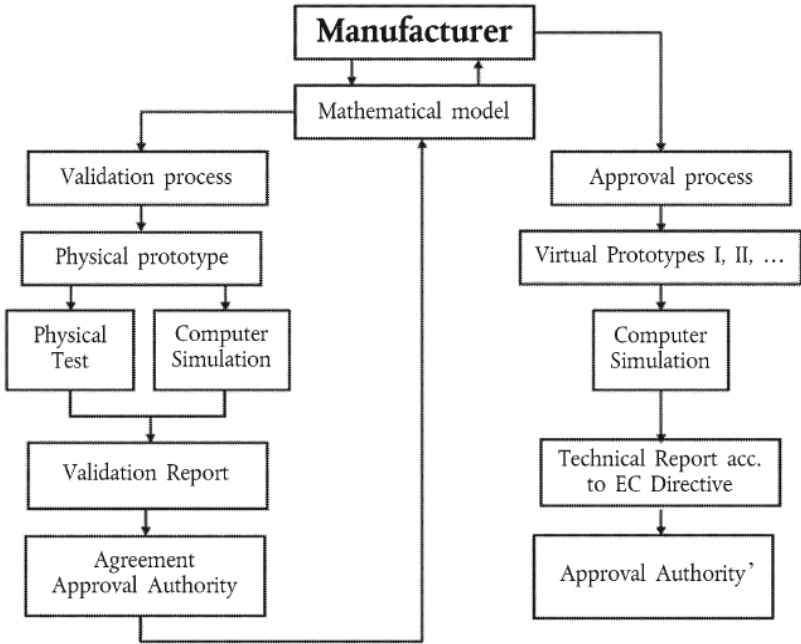
1. List of regulatory acts

Regulatory act reference	Annex and paragraph	Specific conditions
3. Directive 70/221/EEC	Annex II (Rear underrun protection) Point 5.4.5.	
6. Directive 70/387/EEC	Annex II Point 4.3.	
8. Directive 2003/97/EC	Annex III All provisions in Sections 3, 4 and 5.	Prescribed fields of vision of rear-view mirrors.
12. Directive 74/60/EEC	Annex I All provisions in Section 5 (Specifications).	Measurement of all radii of curvature and of all projections except for those requirements where a force has to be applied in order to check compliance with the provisions.
	Annex II	Determination of the head-impact zone.
16. Directive 74/483/EEC	Annex I All provisions in Section 5 (General specifications) and Section 6 (Particular specifications).	Measurement of all radii of curvature and of all projections except for those requirements where a force has to be applied in order to check compliance with the provisions.
20. Directive 76/756/EEC	Section 6 (Individual specifications) of UNECE Regulation No 48.	The test drive provided for in Point 6.22.9.2.2 shall be performed on a real vehicle.
	Provisions of Annexes 4, 5 and 6 to UNECE Regulation No 48.	
27. Directive 77/389/EEC	Annex II, Section 2	
32. Directive 77/649/EEC	Section 5 (Specifications) of Annex I.	
35. Directive 78/318/EEC	Annex I	Point 5.1.2. Measurement of the swept area only.
37. Directive 78/549/EEC	Section 2 (Special requirements) of Annex I	
42. Directive 89/297/EEC	Annex I Point 2.8.	Resistance under a horizontal force and deflection measurement.
49. Directive 92/114/EEC	Annex I All provisions in Section 4 (Specific requirements). Regarding N ₁ vehicles, the provisions referred to in item 16 of this Appendix shall apply.	Measurement of all radii of curvature and of all projections except for those requirements where a force has to be applied in order to check compliance with the provisions.

Regulatory act reference	Annex and paragraph	Specific conditions
50. Directive 94/20/EC	Annex V “Requirements for mechanical coupling Devices” Annex VI Point 1.1. Section 4 of Annex VI “Testing of mechanical coupling devices”	All provisions of Sections 1 to 8 included. Strength tests on mechanical couplings of simple design may be replaced by virtual tests. Points 4.5.1. (Strength test), 4.5.2. (Resistance to buckling) and 4.5.3. (Resistance to bending moment) only.
52. Directive 2001/85/EC	Annex I Annex IV Strength of superstructure	Point 7.4.5. Stability test under the conditions specified in the Appendix to Annex I. Appendix 4 — Verification of strength of the superstructure by calculation.
57. Directive 2000/40/EC	Section 3 of Annex 5 to UNECE Regulation 93.	Resistance under a horizontal force and deflection measurement.

Appendix 3

Validation process



10. For Schedule XXI to the principal regulations, there shall be substituted the following:-

Substitutes Schedule XXI to the principal regulations.

“SCHEDULE XXI

**LIST OF SEPARATE DIRECTIVES/REGULATIONS AND THEIR AMENDMENTS WHICH ARE
ADOPTED.**

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
70/157/EEC	Council Directive of February 6 1970 on the approximation of the laws of the member states relating to the permissible sound level and the exhaust system of motor vehicles.		L 42 p.16 23.02.1970	The effective date	None
		73/350/EEC	L 321, p.33 22.11.1973	The effective date	None
		77/212/EEC	L 66; p.33 12.03.1977	The effective date	None
		81/334/EEC	L 131, p.6 18/05/1981	The effective date	None
		84/372/EEC	L 196, p.47 26.07.1984	The effective date	None
		84/424/EEC	L 238, p.31 06.09.1984	The effective date	None
		87/354/EEC	L 192; p.43 11.07.1987	The effective date	None
		89/491/EEC	L 238; p.43 15.08.1989	The effective date	None
		92/97/EEC	L 371; p.1	The effective date	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
			19.12.1992	date	
		96/20/EC	L 92; p.23 13.04.1996	The effective date	None
		1999/101/EC	L 334; p.41 28.12.1999	The effective date	None
		2006/96/EC	L. 363; p.81 20.12.2006	1st January 2007	None
		2007/34/EC	L. 155; p.49 15.6.2007	6 th July 2008	None
70/220/EEC	Council Directive of March 20 1970 on the approximation of the laws of the member states relating to measures to be taken against air pollution by gases from positive-ignition engines of motor vehicles		L 76, p.1 06.04.1970	The effective date	None
		74/290/EEC	L 159; p.61 15.06.1974	The effective date	None
		77/102/EEC	L 32; p.32 03.02.1977	The effective date	None
		78/665/EEC	L 223;	The effective	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
			p.48 14.08.1978	date	
		83/351/EEC	L 197; p.1 20.07.1983	The effective date	None
		88/76/EEC	L 36; p.1 09.02.1988	The effective date	None
		88/436/EEC	L 214; p.1 06.08.1988	The effective date	None
		89/458/EEC	L 226; p.1 03.08.1989	The effective date	None
		89/491/EEC	L 238; p.43 15.08.1989	The effective date	None
		91/441/EEC	L 242; p.1 30.08.1991	The effective date	None
		93/59/EEC	L 186; p.21 28.07.1993	The effective date	None
		94/12/EC	L 100; p.42 19.04.1994	The effective date	None
		96/44/EC	L210; p.25 20.08.1996	The effective date	None
		96/69/EC	L 282; p.64 01.11.1996	The effective date	None
		98/77/EC	L 286;	The effective	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
			p.34 23.10.1998	date	
		98/69/EC	L 350; p.1 28.12.1998	The effective date	None
		1999/102/E C	L 334; p.43 28.12.1999	The effective date	None
		2001/1/EC	L 35; p.34 06.02.2001	The effective	None
		2001/100/E C	L 16; p.34 18.01.2002	The effective date	None
		2002/80/EC	L 291; p.20	The effective date	None
		2003/76/EC	L 206; p.29	4 September 2004	None
		2006/96/EC	L. 363; p.81 20.12.2006	1st January 2007	None
70/221/EE C	Council Directive of March 20, 1970 on the approximation of the laws of the member states relating to fuel tanks and rear underrun projection of motor vehicles and their trailers.		L 76, p.23 06.04.1970	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
		79/490/EEC	L 128; p.22 26.05.1979	The effective date	None
		81/333/EEC	L 131; p.4 18/05/1981	The effective date	None
		97/19/EC	L 125; p.1 16.05.1997	The effective date	None
		2000/8/EC	L 106; p.7 03.05.2000	The effective date	None
		2006/20/EC	L48, p.16 18.2.2006	11 March 2007	None
		2006/96/EC	L 363; p.81 20.12.2006	1st January 2007	None
70/222/EEC	Council Directive of March 20, 1970 on the approximation of the laws of the member states relating to the space for mounting and fixing of rear registration plates on motor vehicles and their trailers.		L 76; p.25 06.04.1970		Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
70/311/EEC	Council Directive of June 8 1970 on the approximation of the laws of the member states relating to the steering equipment for motor vehicles and their trailers.		L 133, p.10 18.06.1970	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		92/62/EEC	L 199, p.33 18.07.1992	The effective date	None
		1999/7/EC	L 40, p.36 13.02.1999	The effective date	None
70/387/EEC	Council Directive of July 27, 1970 on the approximation of the laws of the member states relating to the doors of motor vehicles and their trailers.		L 176, p.5 10.08.1970	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		82/890/EEC	L 378, 31.12.1982	The effective date	None
		98/90/EEC	L 337; p.29 12.12.1998	The effective date	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
		2001/31/EC	L 130, p.33 12.05.2001	The effective date	None
70/388/EEC	Council Directive of July 27, 1970 on the approximation of the laws of the member states relating to audible warning devices for motor vehicles.		L 176, p.12 10.08.1970	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		87/354/EEC	L 192, p.43 11.07.1987	The effective date	None
		2006/96/EC	L. 363; p.81 20.12.2006	1st January 2007	None
71/127/EEC	Council Directive of March 1, 1971 on the approximation of the laws of the member states relating to the		L 68, p.1 22.03.1971	The effective date	Directive 2003/97/EC shall repeal 71/127/EEC as from 24th January 2010.

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
	rear-view mirrors of motor vehicles.				
		79/795/EEC	L 239, p.1 22.09.1979	The effective date	none
		85/205/EEC	L 90, p.1 29.03.1985	The effective date	none
		86/562/EEC	L 327, p.49 22.11.1986	The effective date	none
		87/354/EEC	L 192, p.43 11.07.1987	The effective date	none
		88/321/EEC	L 147, p.77 14.06.1988	The effective date	none
2003/97/E C	Directive 2003/97/EC of the EP and of the Council of 10 November 2003 on the approximation of the laws of Member states relating to the type-approval of devices for indirect vision and of vehicles equipped with these devices amending Directive 70/156/EEC		L 25, p.1 29.01.2004	With respect to these regulations – 1st January 2005	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
	and repealing Directive 71/127/EEC				
		2005/27/EC	L81, 30.3.2005	The effective date	none
		2006/96/EC	L 363; p.81 20.12.2006	1st January 2007	None
71/320/EEC	Council Directive of July 26, 1971 on the approximation of the laws of the member states relating to the braking devices of certain categories of motor vehicles and their trailers.		L 202, p.37 06.09.1971	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		74/132/EEC	L 74, p.7 19.03.1974	The effective date	None
		75/524/EEC	L 236, p.3 08.09.1975	The effective date	None
		79/489/EEC	L 128, p.12 26.05.1979	The effective date	None
		85/647/EEC	L 380, p.1 31.12.1985	The effective date	None
		88/194/EEC	L 92, p.47 09.04.1988	The effective date	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
		91/422/EEC	L 233, p.21 22.08.1991	The effective date	None
		98/12/EC	L 81, p.1 18.03.1998	The effective date	None
		2002/78/EC	L 267, p.23 04.10.2002	The effective date	none
		2006/96/EC	L 363; 20.12.2006	1st January 2007	None
72/245/EEC	Council Directive of June 20, 1972 relating to the radio interference (electromagnetic Compatibility) of vehicles.		L 152, p.15 06.07.1972	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		89/491/EEC	L 238, p.43 15.08.1989	The effective date	None
		95/54/EC	L 266, p.1 08.11.1995	The effective date	None
		2004/104/EC	L337 p.13 13.11.2004	1 January 2006	None
		2005/49/EC	L194, p.12 26.7.2005	1 January 2006	None
		2005/83/EC	L305, p.32	1 October 2006	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
			24.11.2005		
		2006/28/EC	L 65, p.27 7.3.2006	1 July 2006	None
		2006/96/EC	L 363; p.81 20.12.2006	1st January 2007	None
		2009/19/EC	L 70; p.17 14.03.2009	1 st October 2009 Provisions shall apply from 2 nd October 2009	
72/306/EEC	Council Directive of August 2, 1972 on the approximation of the laws of the member states relating to measures to be taken against the emission of pollutants from diesel engines for use in vehicles		L 190, p.1 20.08.1972	The effective date	None
		89/491/EEC	L 238, p.43 15.08.1989	The effective date	None
		97/20/EC	L 125, p.21 16.05.97	The effective date	None
		2005/21/EC	L 61, p.25	9th March	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
			8.3.2005	2006	
74/60/EEC	Council Directive of December 17, 1973 on the approximation of the laws of the member states relating to the interior fittings of motor vehicles		L 38, p.2 11.02.1974	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		78/632/EEC	L 206, p.26 29.07.1978	The effective date	None
		2000/4/EC	L 87, p.22 08.04.2000	The effective date	None
74/61/EEC	Council Directive of December 17, 1973 on the approximation of the laws of the member states relating to devices to prevent the unauthorized use of motor vehicles.		L 38, p.22 11.02.1974	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		95/56/EEC	L 286, p1 29.11.1995	The effective date	None
		2006/96/EC	L 363; p.81	1st January 2007	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
			20.12.2006		
74/297/EEC	Council Directive of June 4, 1974 on the approximation of the laws of the member states relating to the interior fittings of motor vehicles (the behavior of the steering mechanism in the event of an impact)		L 165 p.16 20.06.1974	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		91/662/EEC	L 366 p.1 31.12.1991	The effective date	None
74/408/EEC	Council Directive of July 22, 1974 relating to motor vehicles with regard to the seats, their anchorages and head restraint.		L 221 p.1 12.08.1974	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		81/577/EEC	L 209 , p34 29.07.1981	The effective date	None
		96/37/EC	L 186 , p.28 25.07.1996	The effective date	None
		2005/39/EC	L 255,	21 April 2006	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
			p.143 30.9.2005		
		2006/96/EC	L. 363; p.81 20.12.2006	1st January 2007	None
74/483/EE C	Council Directive of September 17, 1974 on the approximation of the laws of the member states relating to the external projections of motor vehicles.		L266 , p.4 02.10.1974	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		79/488/EEC	L 128 , p.1 26.05.1979	The effective date	None
		87/354/EEC	L 192 p.43 11.07.1987	The effective date	None
		2006/96/EC	L. 363; p.81 20.12.2006	1st January 2007	None
		2007/15/EC	L.75; p.21 15.3.2007	5 th April 2008.	None
75/443/EE C	Council Directive of June 26, 1975 on the approximation of the		L 196 , p.1 26.07.1975	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
	laws of the member states relating to the reverse and speedometer equipment of motor vehicles.				
		97/39/EC	L 177 p.15 05.07.1997	The effective date	None
76/114/EEC	Council Directive of December 18, 1976 on the approximation of the laws of the member states relating to statutory plates and inscriptions for motor vehicles and their trailers, and their location and method of attachment.		L 24 p.1 30.01.1976	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		78/507/EEC	L 155 , p.31 13.06.1978	The effective date	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
		87/354/EEC	L 192 , p.43 11.07.1987	The effective date	None
		2006/96/EC	L. 363; p.81 20.12.2006	1st January 2007	None
76/115/EEC	Council Directive of December 18, 1975 on the approximation of the law of the member states relating to anchorages for motor vehicle safety belts.		L 24 , p.6 30.01.1976	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		81/575/EEC	L 209 , p.30 29.07.1981	The effective date	None
		82/318/EEC	L 139 , p.9 19.05.1982	The effective date	None
		90/629/EEC	L 341 , p.14 06.12.1990	The effective date	None
		96/38/EC	L 187 , p.95 26.07.1996	The effective date	None
		2005/41/EC	L255, p.149	21 April 2006	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
			30.9.2005		
76/756/EEC	Council Directive of July 27, 1976 on the approximation of the laws of Member States relating to the installation of lighting and light signaling devices on motor vehicles and their trailers		L 262 , p.1 27.09.1976	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		80/233/EEC	L 51 , p.8 25.02.1980	The effective date	None
		82/244/EEC	L 109, p.31 22.04.1982	The effective date	None
		83/276/EEC	L 151, p.47 09.06.1983	The effective date	None
		84/8/EEC	L 9 , p.24 12.01.1984	The effective date	None
		89/278/EEC	L 109, p.38 20.04.1989	The effective date	None
		91/663/EEC	L 366 , p.17 31.12.1991	The effective date	None
		97/28/EC	L 171 ,	The effective	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
			p.1 30.06.1997	date	
		2007/35/EC	L.157, p.14 19.6.2007	10 th July 2008	None
		2008/89/EC	L.257, p.14 25.9.2008	16 th October 2009	None
76/757/EEC	Council Directive of July 27, 1976 on the approximation of the laws of member states relating to retro-reflectors for motor vehicles and their trailers.		L. 262 , p.32 27.09.1976	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		87/354/EEC	L. 192 , p.43 11.07.1987	The effective date	None
		97/29/EC	L. 171 , p.11 30.06.1997	The effective date	None
		2006/96/EC	L. 363; p.81 20.12.2006	1st January 2007	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
76/758/EEC	Council Directive of July 27, 1976 on the approximation of the laws of the member states relating to the end-outline marker lamps, front position (side) lamps, rear position (side) lamps, stop lamps, daytime, running lamps and side marker lamps for motor vehicles and their trailers.		L 262 , p.54 27.09.1976	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		87/354/EEC	L 192 , p.43 11.07.1987	The effective date	None
		89/516/EEC	L 265 , p.1 12.09.1989	The effective date	None
		97/30/EC	L 171 , p.25 30.06.1997	The effective date	None
		2006/96/EC	L 363; p.81 20.12.2006	1st January 2007	None
76/759/EEC	Council Directive of		L 262 ,	The effective	Reg 661/2009 shall repeal this Directive with effect from 1

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
C	July 27, 1976 on the approximation of the laws of the member states relating to direction indicator lamps for motor vehicles and their trailers		p.71 27.09.1976	date	November 2014.
		87/354/EEC	L 192 , p.43 11.07.1987	The effective date	None
		89/277/EEC	L 109 , p.25 20.04.1989	The effective date	None
		1999/15/EC	L 97 , p.14 12.04.1999	The effective date	None
		2006/96/EC	L. 363; p.81 20.12.2006	1st January 2007	None
76/760/EE C	Council Directive of July 27, 1976 on the approximation of the laws of member states relating to the registration plate lamps for motor vehicles and		L 262 , p.85 27.09.1976	The effective date.	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
	their trailers.				
		87/354/EEC	L 192 , p.43 11.07.1987	The effective date	None
		97/31/EC	L 171 , p.49 30.06.1997	The effective date	None
		2006/96/EC	L. 363; p.81 20.12.2006	1st January 2007	None
76/761/EEC C	Council Directive of July 27, 1976 on the approximation of the laws of the Member States relating to motor vehicle head lamps with function as main beam and/or dipped beam headlamps and to light sources (filament lamps and others) for use in approval lamp units of motor vehicles and of their trailers		L 262 , p.96 27.09.1976	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		87/354/EEC	L 192 , p.43 11.07.1987	The effective date	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
		89/517/EEC	L 265 , p.15 12.09.1989	The effective date	None
		1999/17/EC	L 97 , p.45 12.04.1999	The effective date	None
		2006/96/EC	L 363; p.81 20.12.2006	1st January 2007	None
76/762/EEC	Council Directive of July 27, 1976 on the approximation of the laws of the member states relating to front fog lamps for motor vehicles.		L 262, p.122 27.09.1976	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		87/354/EEC	L 192 , p.43 11.07.1987	The effective date	None
		1999/18/EC	L 97 , p.82 12.04.1999	The effective date	None
		2006/96/EC	L 363; p.81 20.12.2006	1st January 2007	None
77/389/EEC	Council Directive of May 17, 1977 on the		L 145 , p.41	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
	approximation of the laws of the member states relating to motor vehicle towing-devices.		13.06.1977		
		96/64EC	L 258 , p.26 11.10.1996	The effective date	none
77/538/EEC	Council Directive of June 28, 1977 on the approximation of the laws of the member states relating to rear fog lamps for motor vehicles and their trailers.		L 220 , p.66 29.08.1977	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		87/354/EEC	L 192 ; p.43 11.07.1987	The effective date	None
		89/518/EEC	L 265 ; p.24 12.09.1989	The effective date	None
		1999/14/EC	L 97 ; p.1 12.04.1999	The effective date	None
		2006/96/EC	L. 363; p.81	1st January 2007	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
77/539/EEC	Council Directive of June 28, 1977 on the approximation of the laws of reversing lamps for motor vehicles and their trailers.		20.12.2006 L 220 , p.60 29.08.1977	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		87/354/EEC	L 192; p.43 11.07.1987	The effective date	None
		97/32/EC	L 171; 30.06.1997	The effective date	None
		2006/96/EC	L. 363; p.81 20.12.2006	1st January 2007	None
77/540/EEC	Council Directive of June 28, 1977 on the approximation of the laws of the member states relating to parking lamps for motor vehicles.		L 220 , p.83 29.08.1977	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		87/354/EEC	L 192; p.43 11.07.1987	The effective date	None
		1999/16/EC	L 97; p.33 12.04.1999	The effective date	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
		2006/96/EC	L 363; p.81 20.12.2006	1st January 2007	None
77/541/EEC	Council Directive of June 28, 1977 on the approximation of the laws of the Member States relating to safety belts and restraint systems of motor vehicles.		L 220; p.95 29.08.1977	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		81/576/EEC	L 209; p.32 29.07.1981	The effective date	None
		82/319/EEC	L 139; p.17 19.05.1982	The effective date	None
		87/354/EEC	L 192; p.43 11.07.1987	The effective date	None
		90/628/EEC	L 341; p.1 06.12.1990	The effective date	None
		96/36/EC	L 178; p.15 17.07.1996	The effective date	None
		2000/3/EC	L 53; p.1 25.02.2000	The effective date	None
		2005/40/EC	L255,	21 April 2006	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
			p.146 30.9.2005		
		2006/96/EC	L. 363; p.81 20.12.2006	1st January 2007	None
77/649/EE C	Council Directive of September 27, 1977 on the approximation of laws of the member states relating to the field of vision of motor vehicle drivers.		L. 267; p.1 19.10.1977	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		81/643/EEC	L 231; p.41 15.08.1981	The effective date	None
		88/366/EEC	L 181; p.40 12.07.1988	The effective date	None
		90/630/EEC	L 341; p.20 06.12.1990	The effective date	None
78/316/EE C	Council Directive of December 21, 1977 on the approximation of the laws of the member states relating to the		L 81; p.3 28.03.1978	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
	interior fittings of motor vehicles (identification of controls, tell-tales and indicators)				
		93/91/EEC	L 284; p.25 19.11.1993	The effective date	None
		94/53/EC	L 299; p.26 22.11.1994	The effective date	None
78/317/EEC	Council Directive of December 21, 1977 on the approximation of the laws of the Member States relating to the defrosting and demisting systems of glazed surfaces of motor vehicles		L 81; p.27 28.03.1978	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
78/318/EEC	Council Directive of December 21, 1977 on the approximation of the laws of the member		L 81, p.49 28.03.1978	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
	states relating to the wiper and wash systems of motor vehicles.				
		94/68/EC	L 354; p.1 31.12.1994	The effective date	None
		2006/96/EC	L. 363; p.33 20.12.2006	1st January 2007	None
78/549/EEC	Council Directive of June 12, 1978 on the approximation of the laws of the member states relating to the wheel guards of motor vehicles.		L 168; p.45 26.06.1978	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		94/78/EC	L 354; p.10 13.12.1994	The effective date	None
78/932/EEC	Council Directive of October 16, 1978 on the approximation of the laws of the member states relating to head restraints of seats of		L 325; p.1 20.11.1978	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
	motor vehicles.				
		87/354/EEC	L 192; p.043 11.07.1987	The effective date	None
		2006/96/EC	L. 363; p.81 20.12.2006	1st January 2007	None
80/1268/EC	Council Directive of December 16, 1980 relating to Carbon dioxide emissions and the fuel consumption of motor vehicles.		L 375; p.36 31.12.1980	The effective date	None
		89/491/EEC	L 238; p.43 15.08.1989	The effective date	None
		93/116/EC	L 329; p.39 30.12.1993	The effective date	None
		1999/100/EC	L 334; p.36 28.12.1999	The effective date	None
		2004/3/EC	L 49, p.36 19.02.2004	19 February 2005	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
80/1269/EEC	Council Directive of December 16, 1980 on the approximation of the laws of member states relating to the engine power of motor vehicles.		L 375; p.46 31.12.1980	The effective date	Regulation 595/2009 repeal Directive 80/126/EEC with effect from 31 December 2013.
		88/195/EEC	L 92 ; p.50 09.04.1988	The effective date	None
		89/491/EEC	L 238; p.43 15.08.1989	The effective date	None
		97/21/EC	L 125 ; p.31 16.05.1997	The effective date	None
		1999/99/EC	L 334 ; p.32 28.12.1999	The effective date	None
88/77/EEC	Council Directive of December 3, 1987 on the approximation of the laws of member states relating to the measures to be taken against the emission of gaseous and particulate	88/77/EEC	L 36; p.33 09.02.1988	The effective date. Repealed as from 9 November 2006	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
	pollution from compression ignition engines for use in vehicles, and the emission of gaseous pollutants from positive ignition engines fuelled with natural gas or liquefied petroleum gas for use in vehicles.	91/524/EEC	L 295; p.1 25.10.2000	The effective date. Repealed as from 9 November 2006	None
		1999/96/EC	L 44; p.1 16.02.2000	The effective date. Repealed as from 9 November 2006	None
		2001/27/EC	L 107; p.10 18.04.2001	The effective date. Repealed as from 9 November 2006	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
2005/55/E C	Directive 2005/55/EC of the European Parliament and of the Council of 28 September 2005 on the approximation of the laws of the Member States relating to the measures to be taken against the emission of gaseous & particulate pollutants from compression-ignition engines for use in vehicles, and the emission of gaseous pollutants from positive-ignition engines fuelled with natural gas or liquefied petroleum gas for use in vehicles	2005/55/EC	L275, p.1 20.10.2005	9 November 2006	Regulation 595/2009 Repeal Directives 2005/55/EC and 2005/78/EC with effect from 31 December 2013.
		2005/78/EC	L313, p.1 29.11.2005	9 November 2006	Regulation 595/2009 Repeal Directives 2005/55/EC and 2005/78/EC with effect from 31 December 2013.
		2006/51/EC	L152, p.11 07.06.2006	9 November 2006	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
		2008/74/EC	L192, p.51 19.7.2008	3 January 2009	None
89/297/EE C	Council Directive 89/297/EEC of April 13, 1989 on the approximation of the laws of the Member States relating to the lateral protection (side guards) of certain motor vehicles and their trailers		L 124; p.1 05051989	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
91/226/EE C	Council Directive of March 27, 1991 on the approximation of the laws of the Member States relating to the spray-suppression systems of certain categories of motor vehicles and their		L 103; p.5 23.04.1991	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
	trailers				
		2006/96/EC	L. 363; p.81 20.12.2006	1st January 2007	None
		2010/19/EU	L.72, p.17 20.3.2010	9 April 2011	None
92/21/EE C	Council Directive of March 31, 1992 on the masses and dimensions of motor vehicles of category M1		L 129; p.1 14.05.1992	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		95/48/EC	L 233; p.73 30.09.1995	The effective date	None
92/22/EE C	Council Directive of March 31, 1992 on safety glazing and glazing materials on motor vehicles and their trailers.		L 129; p.11 14.05.1992	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		2001/92/EC	L 291; p.24 08.11.2001	The effective date	None
92/23/EE C	Council Directive of March 31, 1992 relating to tyres for		L 129; p.95 14.05.1992	The effective date	Regulation 661/2009 shall repeal this Directive with effect from 1 November 2017.

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
	motor vehicles and their trailers and to their fitting				
		2001/43/EC	L 211, p.25 04.08.2001	The effective date	None
		2005/11/EC	L46, p.42 17.02.2005	1st January 2006	None
92/24/EEC	Council Directive of March 31, 1992 relating to speed limitation devices or similar speed limitation on-board systems of certain categories of motor vehicles		L 129 ; p.154 14/05/1992	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		2004/11/EC	L 44; p.19 14.02.2004	18th November 2004	None
92/114/EEC	Council Directive of December 17, 1992 relating to the external projections forward of the cab's rear panel of motor vehicles of category N		L 409; p.17 31.12.1992	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
94/20/EC	Directive of the European Parliament and of the Council of May 30, 1994 relating to the mechanical coupling devices of motor vehicles and their trailers and their attachment to those vehicles		L 195; p.1 20.07.1994	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		2006/96/EC	L 363; p.81 20.12.2006	1st January 2007	None
95/28/EC	Directive of the European Parliament and of the Council of October 24, 1995 relating to the burning behaviour of materials used in the interior construction of certain categories of motor vehicle.		L 281, p.1 23.11.1995	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		2006/96/EC	L 363; p.81 20.12.2006	1st January 2007	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
96/27/EC	Directive of the European Parliament and of the Council of May 20, 1996 on the protection of occupants of motor vehicles in the event of a side impact and amending Directive 70/156/EEC		L 169; p.1 08.07.1996	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
96/79/EC	Directive of the European Parliament and of the Council of December 16, 1996 on the protection of occupants of motor vehicles in the event of a frontal impact and amending Directive 70/156/EEC.				Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		1999/98/EC	L 009; p.14 13/01/2000	The effective date	None
97/27/EC	Directive of the European Parliament and of the Council of		L 233; p.1 25.08.1997	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
	22 July 1997 relating to the masses and dimensions of certain categories of motor vehicles and their trailers and amending Directive 70/156/EEC.				
		2002/85/EC	L 42; p.1 13.02.2002	The effective date	None
		2003/19/EC	L 79; p.6 26.03.2003	The effective date	None
98/91/EC	Directive of the European Parliament and of the Council of December 14, 1998 relating to motor vehicles and their trailers intended for the transport of dangerous goods by road and amending Directive		L 011, p.25 16.01.1999	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
	70/156/EEC relating to the type approval of motor vehicles and their trailers.				
2000/40/E C	Directive of the European Parliament and of the Council of June 26, 2000 on the approximation of the laws of the Member States relating to the front underrun protection of motor vehicles and amending Council Directive 70/156/EEC Official		L 203; p.9 10.08.2000	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.
		2006/96/EC	L. 363; p.33 20.12.2006	1st January 2007	None
2001/56/E C	Directive 2001/56/EC of the European Parliament and of the		L 292; p.21 09.11.2001	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
	Council of September 27, 2001 relating to heating systems for motor vehicles and their trailers, amending Council Directive 70/156/EEC and repealing Council Directive 78/548/EEC.				
		2004/78/EC	L 153; p.100 30/04/2004	The effective date	None
		2006/119/EC	L330, p.12 28.11.2006	30 September 2007	None
		2006/96/EC	L. 363; p.81 20.12.2006	1st January 2007	None
2001/85/EC	Directive 2001/85/EC Of The European Parliament and of the Council of November, 20 2001 relating to special provisions for vehicles used for the carriage of passengers comprising more than		L 42; p.1 13/02/2002	The effective date	Reg 661/2009 shall repeal this Directive with effect from 1 November 2014.

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
	eight seats in addition to the driver's seat, and amending Directives 70/156/EEC and 97/27/EC				
		2006/96/EC	L. 363; p.81 20.12.2006	1st January 2007	None
2003/102/EC	Directive 2003/102/EC of the European Parliament and of the Council of November, 17 2003 relating to the protection of pedestrians and other vulnerable road users before and in the event of a collision with a motor vehicle and amending Council Directive 70/156/EEC		L 321; p.15 06.02.2003	The effective date	Regulation 78/2009 repeal Directives 2003/102/EC and 2005/66/EC with effect from 24 November 2009.
		Commission Decision 2004/90/EC	L 31; p.21 04.02.2004	The effective date	Not applicable
2005/64/EC	Directive 2005/64/EC of the European Parliament and of the		L 310; p.10 25.11.2005	15th December 2006	none

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
	Council of 26 October 2005 on the type-approval of motor vehicles with regard to their reusability, recyclability and recoverability and amending Council Directive 70/156/EEC				
		Directive No. 2009/1/EC	L 9; p.31 14.1.2009	3 rd Feb 2009 They provisions shall apply from 4 February 2010.	
2005/66/E C	Directive 2005/66/EC of the European Parliament and of the Council of 26 October 2005 relating to the use of frontal protection systems on motor vehicles and amending Council Directive 70/156/EEC		L 309; p.37 25.11.2005	25th August 2006	Regulation 78/2009 repeal Directives 2003/102/EC and 2005/66/EC with effect from 24 November 2009.
		2006/368/E C	L 140; p.33 29.05.2006	26th November 2006	none

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
		2006/96/EC	L 363; p.81 20.12.2006	1st January 2007	None
Regulation (EC) No. 715/2007	Regulation (EC) No 715/2007 of the European Parliament and of the Council of 20 June 2007 on type approval of motor vehicles with respect to emissions from light passenger and commercial vehicles (Euro 5 and Euro 6) and on access to vehicle repair and maintenance information		L171, p.1 22.6.2007	Articles 10(1), and 12 from 2 July 2007.	None
		Commission Regulation No.692/2008	L199, p.1 28.7.2008	31 st July 2008. However, the obligations set out in Articles 4(5), 4(6), 5(3)(d) and 5(3)(e) shall	

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
				apply from 1 September 2011 for the type approval of new types of vehicles and from 1 January 2014 for all new vehicles sold, registered or put into service in the Community.	
		Commission Regulation No.595/2009	L188, p.1 18.07.2009	7 th August 2009 It shall apply from 7 August 2009. However, Articles 8(3) and 10 shall apply from 7 August 2009 and points 1(a)(i), 1(b)(i), 2(a), 3(a)(i), 3(b)(i), 3(c)(i), 3(d)(i) and 3(e)(i) of Annex II shall apply from 31	Directives 80/1269/EEC, 2005/55/EC and 2005/78/EC are repealed with effect from 31 December 2013.

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
				December 2013.	
2006/40/E C	Relating to emissions from air-conditioning systems in motor vehicles and amending Council Directive 70/156/EEC		L161, p.12 14.06.2006	5 January 2008.	None
		Commission Regulation No. 706/2007	L161, p.33 22.06.2007	5 January 2008.	None
			L161, p.60 22.06.2007	5 January 2008	None
Reg. No 79/2009	Relating to, and lays down fundamental provisions on requirements for the type-approval of motor vehicles with regard to hydrogen propulsion, for the type-approval of hydrogen components and hydrogen systems and for the installation of such components and systems.		L35, p.35 4.02.2009	24 February 2011, with the exception of Article 11(3) and Article 12, which shall apply from February 2009, and Article 11(2) which shall apply from the date set therein.	None
		Reg. No.	L.122 p.1	26 April 2010	None

Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
		406/2010	18.05.2010		
Reg. No 661/2009	REGULATION EC No 661/2009 of the EP and 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 therefore.		L.200 p.1 31.07.2009	August 2009.	Directives 70/221/EEC, 70/222/EEC, 70/311/EEC, 0/387/EEC, 70/388/EEC, 71/320/EEC, 72/245/EEC, 74/60/EEC, 74/61/EEC, 74/297/EEC, 74/408/EEC, 74/483/EEC, 75/443/EEC, 76/114/EEC, 76/115/EEC, 76/756/EEC, 6/757/EEC, 6/758/EEC, 76/759/EEC, 76/760/EEC, 76/761/EEC, 76/762/EEC, 77/389/EEC, 77/538/EEC, 77/539/EEC, 77/540/EEC, 77/541/EEC, 77/649/EEC, 78/316/EEC, 78/317/EEC, 78/318/EEC, 78/549/EEC, 78/932/EEC, 89/297/EEC, 91/226/EEC, 92/21/EC, 92/22/EEC, 92/24/EEC, 92/114/EEC, 94/20/EC, 95/28/EC, 96/27/EC, 96/79/EC, 97/27/EC, 98/91/EC, 2000/40/EC, 2001/56/EC, 2001/85/EC, 2003/97/EC shall be repealed with effect from 1 November 2014 Directive 92/23/EEC shall be repealed with effect from 1 November 2017 (according to Article 19 of Regulation 661/2009)
Reg. No 672/2010	REGULATION EU No 672/2010 of 27 July 2010 concerning type-approval requirements for windscreen defrosting an demisting systems of certain		L.196 p.6 28.7.2010	August 2010	None

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Base Directive no.	Title of Base Directive	Amending Directive No.	Official Journal reference/ Page	Date of Adoption (Where the effective date shall mean 1st May 2004).	National Requirements relevant to the particular Directive
	motor vehicles and implementing Regulation (EV) No 661/2009 of the European Parliament and of the Council concerning type-approval requirements for the general safety of motor vehicles, their trailers and systems, components and separate technical units intended therefor				

11. For Schedule XXII to the principal regulations, there shall be substituted the following:-

Substitutes Schedule XXII to the principal regulations.

**“ SCHEDULE XXII
LIST OF DIRECTIVES AND REGULATIONS AMENDING DIRECTIVE 2007/46/EC WHICH
ARE IN FORCE.**

Base Directive no or Regulation.	Title of Base Directive/Regulation	Official Journal reference/Page
Reg No. 1060/2008	COMMISSION REGULATION (EC) No 1060/2008 of 7 October 2008 replacing Annexes I, III, IV, VI, VII, XI and XV 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 (Framework Directive)	L292, p.1 31.10.2008
Reg No. 78/2009	COMMISSION REGULATION (EC) No 78/2009 of the European Parliament and of the Council of 14 January 2009 on the type-approval of motor vehicles with regard to the protection of pedestrians and other vulnerable road users, amending Directive 2007/46/EC and repealing Directives 2003/102/EC and 2005/66/EC	L35, p.1 4.02.2009
Reg No. 79/2009	COMMISSION REGULATION (EC) No 79/2009 of the European Parliament and of the Council of 14 January 2009 on type-approval of hydrogen-powered motor vehicles, and amending Directive 2007/46/EC	L35, p.32 4.02.2009
Reg No. 385/2009	COMMISSION REGULATION (EC) No 385/2009 of 7 May 2009 replacing Annex IX 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 (Framework Directive)	L 118, p.13 13.5.2009
Reg No. 595/2009	REGULATION (EC) No 595/2009 of the European Parliament and of the Council of 18 th June 2009 on type-approval of motor vehicles and engines with respect to emissions from heavy duty vehicles (Euro VI) and on access to vehicle repair and maintenance information and amending Regulation (EC) No 715/2007 and Directive 2007/46/EC and repealing Directives 80/1269/EEC, 2005/55/EC and 2005/78/EC	L 188, p.1 18.7.2009
Reg No. 631/2009	COMMISSION REGULATION (EC) No 631/2009 of 22 July 2009 laying down detailed rules for the implementation of Annex I to Regulation (EC) 78/2009 of the European Parliament and of the Council on the type-approval of motor vehicles with regard to the protection of pedestrians and other vulnerable road users, amending Directive 2007/46/EC and repealing Directives 2003/102/EC and 2005/66/EC	L195, p.1 25.07.2009
Reg No. 661/2009	REGULATION (EC) 661/2009 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 therefore.	L 200, p.1 31.7.2009
Directive 2010/19/EU	COMMISSION DIRECTIVE 2010/19/EU of 9 March 2010 amending, for the purpose of adaptation to technical progress in the field of spray-suppression systems of certain categories of motor vehicles and their trailers, council Directive 91/226/EEC, and Directive 2007/46/EC of the European Parliament and of the Council.	L 72, p.17 20.03.2010

Base Directive no or Regulation.	Title of Base Directive/Regulation	Official Journal reference/Page
Reg No. 371/2010	REGULATION (EC) 371/2010 of 16 April 2010 replacing Annexes V,X, XV and XVI 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.	L 110, p.1 1.05.2010

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