

ANNEX IV

List of requirements for the purpose of EC type-approval of vehicles

PART I

List of regulatory acts

(As appropriate, taking account of the scope and latest amendment to each of the regulatory acts listed below. In respect of United Nations Economic Commission for Europe (UNECE) Regulations, the reference for the regulatory act shows the relevant series of amendments of the UNECE Regulations to which the Community has acceded.)

Subject	Regulatory act reference	Official Journal reference	Applicability										
			M ₁	M ₂	M ₃	N ₁	N ₂	N ₃	O ₁	O ₂	O ₃	O ₄	
1. Sound levels	70/157/EEC	L 42, 23.2.1970, p. 16.	X	X	X	X	X	X					
2. Emissions	70/220/EEC	L 76, 6.4.1970, p. 1.	X	X	X	X	X	X					
3. Fuel tanks/rear protective devices	70/221/EEC	L 76, 6.4.1970, p. 23.	X ^e	X ^e	X ^e	X ^e	X ^e	X ^e	X	X	X	X	
4. Rear registration plate space	70/222/EEC	L 76, 6.4.1970, p. 25.	X	X	X	X	X	X	X	X	X	X	
5. Steering effort	70/311/EEC	L 133,	X	X	X	X	X	X	X	X	X	X	
a	Vehicles of this category shall be fitted with an adequate windscreen defrosting and demisting device.												
b	Vehicles of this category shall be fitted with adequate windscreen washing and wiping devices.												
c	The requirements of Directive 94/20/EC are only applicable for vehicles equipped with couplings.												
d	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.												
e	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 67-01 or 110 is required.												
f	Not exceeding 2,5 tonnes maximum mass.												
g	Derived from M ₁ category vehicles.												
h	Until the dates referred-to in Article 2 of Directive 2003/97/EC, approvals granted in accordance with Directive 71/127/EEC shall remain valid for the purpose of whole-vehicle type approval.												
X	: Regulatory act applicable.												

Status: This is the original version (as it was originally adopted).

			18.6.1970, p. 10.										
6.	Door latches and hinges	70/387/EEC	L 176, 10.8.1970, p. 5.	X			X	X	X				
7.	Audible warning	70/388/EEC	L 176, 10.8.1970, p. 12.	X	X	X	X	X	X				
8.	Indirect vision devices	2003/97/EC ^h	L 25, 29.1.2004, p. 1.	X	X	X	X	X	X				
9.	Braking	71/320/EEC	L 202, 6.9.1971, p. 37.	X	X	X	X	X	X	X	X	X	X
10.	Suppression (radio)	73/245/EEC	L 152, 6.7.1972, p. 15.	X	X	X	X	X	X	X	X	X	X
11.	Diesel smoke	72/306/EEC	L 190, 20.8.1972, p. 1.	X	X	X	X	X	X				
12.	Interior fittings	74/60/EEC	L 38, 11.2.1974, p. 2.	X									
13.	Anti-theft and immobiliser	74/61/EEC	L 38, 11.2.1974, p. 22.	X	X	X	X	X	X				

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b Vehicles of this category shall be fitted with adequate windscreen washing and wiping devices.

c The requirements of Directive 94/20/EC are only applicable for vehicles equipped with couplings.

d 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.

e 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 67-01 or 110 is required.

f Not exceeding 2,5 tonnes maximum mass.

g Derived from M₁ category vehicles.

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14.	Protection of steering	74/297/EEC	L 165, 20.6.1974, p. 16.	X			X						
15.	Seat strength	74/408/EEC	L 221, 12.8.1974, p. 1.	X	X	X	X	X	X				
16.	Exterior projections	74/483/EEC	L 256, 2.10.1974, p. 4.	X									
17.	Speed and reverse gear	75/443/EEC	L 196, 26.7.1975, p. 1.	X	X	X	X	X	X				
18.	Plates (statutory)	76/114/EEC	L 24, 30.1.1976, p. 1.	X	X	X	X	X	X	X	X	X	X
19.	Seat belt anchorages	76/115/EEC	L 24, 30.1.1976, p. 6.	X	X	X	X	X	X				
20.	Installation of lighting and light signalling devices	76/756/EEC	L 262, 27.9.1976, p. 1.	X	X	X	X	X	X	X	X	X	X
21.	Retro reflectors	76/757/EEC	L 262, 27.9.1976, p. 32.	X	X	X	X	X	X	X	X	X	X

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22.	End-outline front-position (side), rear-position (side), stop, side marker, daytime running lamps	76/758 EEC	L 262, 27.9.1976, p. 54.	X	X	X	X	X	X	X	X	X	X
23.	Directional indicators	76/759 EEC	L 262, 27.9.1976, p. 71.	X	X	X	X	X	X	X	X	X	X
24.	Rear registration plate lamps	76/760 EEC	L 262, 27.9.1976, p. 85.	X	X	X	X	X	X	X	X	X	X
25.	Headlamps (including bulbs)	76/761 EEC	L 262, 27.9.1976, p. 96.	X	X	X	X	X	X				
26.	Front fog lamps	76/762 EEC	L 262, 27.9.1976, p. 122.	X	X	X	X	X	X				
27.	Towing hooks	77/389 EEC	L 145, 13.6.1977, p. 41.	X	X	X	X	X	X				

a Vehicles of this category shall be fitted with an adequate windscreen defrosting and demisting device.**b** Vehicles of this category shall be fitted with adequate windscreen washing and wiping devices.**c** The requirements of Directive 94/20/EC are only applicable for vehicles equipped with couplings.**d** 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.**e** 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 67-01 or 110 is required.**f** Not exceeding 2,5 tonnes maximum mass.**g** Derived from M₁ category vehicles.**h** Until the dates referred-to in Article 2 of Directive 2003/97/EC, approvals granted in accordance with Directive 71/127/EEC shall remain valid for the purpose of whole-vehicle type approval.**X** : Regulatory act applicable.

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28.	Rear fog lamps	77/538/EEC	L 220, 29.8.1977, p. 60.	X	X	X	X	X	X	X	X	X	X
29.	Reversing lamps	77/539/EEC	L 220, 29.8.1977, p. 72.	X	X	X	X	X	X	X	X	X	X
30.	Parking lamps	77/540/EEC	L 220, 29.8.1977, p. 83.	X	X	X	X	X	X				
31.	Seat belts and restraint systems	77/541/EEC	L 220, 29.8.1977, p. 95.	X	X	X	X	X	X				
32.	Forward vision	77/649/EEC	L 267, 19.10.1977, p. 1.	X									
33.	Identification of controls	78/316/EEC	L 81, 28.3.1978, p. 3.	X	X	X	X	X	X				
34.	Defrosting and demisting	78/317/EEC	L 81, 28.3.1978, p. 27.	X	a	a	a	a	a				
35.	Wash/wipe	78/318/EEC	L 81, 28.3.1978, p. 49.	X	b	b	b	b	b				

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36.	Heating system	2001/56/EC	L 292, 9.11.2001, p. 21.	X	X	X	X	X	X	X	X	X	X
37.	Wheel guards	78/549/EEC	L 168, 26.6.1978, p. 45.	X									
38.	Head restraint	78/932/EEC	L 325, 20.11.1978, p. 1.	X									
39.	CO ₂ emissions fuel consumption	80/1268/EEC	L 375, 31.12.1980, p. 36.	X			X						
40.	Engine power	80/1269/EEC	L 375, 31.12.1980, p. 46.	X	X	X	X	X	X				
41.	Diesel emissions	88/77/EEC	L 36, 9.2.1988, p. 33.	X	X	X	X	X	X				
42.	Lateral protection	89/297/EEC	L 124, 5.5.1989, p. 1.					X	X			X	X
43.	Spray-suppression systems	91/226/EEC	L 103, 23.4.1991, p. 5.					X	X			X	X
44.	Masses and	92/21/EEC	L 129,	X									

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	dimensions (cars)		14.5.1992, p. 1.										
45.	Safety glass	92/22/EEC	L 129, 14.5.1992, p. 11.	X	X	X	X	X	X	X	X	X	X
46.	Tyres	92/23/EEC	L 129, 14.5.1992, p. 95.	X	X	X	X	X	X	X	X	X	X
47.	Speed limiters	92/24/EEC	L 129, 14.5.1992, p. 154.			X		X	X				
48.	Masses and dimensions (other than vehicles referred to in item 44)	97/27/EC	L 233, 28.8.1997, p. 1.		X	X	X	X	X	X	X	X	X
49.	External projections of cabs	92/114/EEC	L 409, 31.12.1992, p. 17.				X	X	X				
50.	Couplings	94/20/EC	L 195, 29.7.1994, p. 1.	X ^c	X ^c	X ^c	X ^c	X ^c	X ^c	X	X	X	X
51.	Flammability	95/28/EC	L 281, 23.11.1995, p. 1.			X							

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52.	Buses and coaches	2001/85/EC	85/42, 13.2.2002, p. 1.	X	X								
53.	Frontal impact	96/79/EC	L 18, 21.1.1997, p. 7.	X									
54.	Side impact	96/27/EC	L 169, 8.7.1996, p. 1.	X			X						
55.													
56.	Vehicles intended for the transport of dangerous goods	98/91/EC	L 11, 16.1.1999, p. 25.				X ^d	X ^d	X ^d	X ^d	X ^d	X ^d	X ^d
57.	Front underrun protection	2000/40/EC	L 203, 10.8.2000, p. 9.					X	X				
58.	Pedestrian protection	2003/102/EC	L 321, 6.12.2003, p. 15.	X ^f			X ^{fg}						

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X : Regulatory act applicable.

Appendix

List of requirements for EC type-approval of vehicles belonging to the category M₁, produced in small series.

(As appropriate, taking account of the latest amendment to each of the regulatory acts listed below)

Subject		Regulatory act reference	Official Journal reference	M ₁
1.	Sound level	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)	70/220/EEC	L 76, 6.4.1970, p. 1.	A
3.	Fuel tanks/ Rear protective devices	70/221/EEC	L 76, 6.4.1970, p. 23.	B
4.	Rear registration plate space	70/222/EEC	L 76, 6.4.1970, p. 25.	B
5.	Steering effort	70/311/EEC	L 133, 18.6.1970, p. 10.	C
6.	Door latches and hinges	70/387/EEC	L 176, 10.8.1970, p. 5.	C
7.	Audible warning	70/388/EEC	L 176, 10.8.1970, p. 12.	B
8.	Indirect vision devices	2003/97/EC ^e	L 25, 29.1.2004, p. 1.	X ^b B ^d
9.	Braking	71/320/EEC	L 202, 6.9.1971, p. 37.	A
10.	Suppression (radio)	72/245/EEC	L 152, 6.7.1972, p. 15.	A ^a C ^c
11.	Diesel smoke	72/306/EEC	L 190, 20.8.1972, p. 1.	A
12.	Interior fittings	74/60/EEC	L 38, 11.2.1974, p. 2.	C
13.	Anti-theft and immobiliser	74/61/EEC	L 38, 11.2.1974, p. 22.	A

Status: This is the original version (as it was originally adopted).

14.	Protective steering	74/297/EEC	L 165, 20.6.1974, p. 16.	C
15.	Seat strength	74/408/EEC	L 221, 12.8.1974, p. 1.	C
16.	Exterior projections	74/483/EEC	L 266, 2.10.1974, p. 4.	C
17.	Speedometer and reverse gear	75/443/EEC	L 196, 26.7.1975, p. 1.	B
18.	Plates (statutory)	76/114/EEC	L 24, 30.1.1976, p. 1.	B
19.	Seat belt anchorages	76/115/EEC	L 24, 30.1.1976, p. 6.	B
20.	Installation of lighting and light signalling devices	76/756/EEC	L 262, 27.9.1976, p. 1.	B
21.	Retro reflectors	76/757/EEC	L 262, 27.9.1976, p. 32.	X
22.	End-outline, front position (side), rear-position (side), stop, side marker, daytime running lamps	76/758/EEC	L 262, 27.9.1976, p. 54.	X
23.	Direction indicators	76/759/EEC	L 262, 27.9.1976, p. 71.	X
24.	Rear registration plate lamps	76/760/EEC	L 262, 27.9.1976, p. 85.	X
25.	Headlamps (including bulbs)	76/761/EEC	L 262, 27.9.1976, p. 96.	X
26.	Front fog lamps	76/762/EEC	L 262, 27.9.1976, p. 122.	X
27.	Towing hooks	77/389/EEC	L 145, 13.6.1977, p. 41.	B
28.	Rear fog lamps	77/538/EEC	L 220, 29.8.1977, p. 60.	X
29.	Reversing lamps	77/539/EEC	L 220, 29.8.1977, p. 72.	X
30.	Parking lamps	77/540/EEC	L 220, 29.8.1977, p. 83.	X

Status: This is the original version (as it was originally adopted).

31.	Seat belts and restraint systems	77/541/EEC	L 220, 29.8.1977, p. 95.	A ^b B ^d
32.	Forward vision	77/649/EEC	L 267, 19.10.1977, p. 1.	A
33.	Identification of controls	78/316/EEC	L 81, 28.3.1978, p. 3.	X
34.	Defrost/Demist	78/317/EEC	L 81, 28.3.1978, p. 27.	C
35.	Wash/Wipe	78/318/EEC	L 81, 28.3.1978, p. 49.	C
36.	Heating system	2001/56/EC	L 292, 9.11.2001, p. 21.	C
37.	Wheel guards	78/549/EEC	L 168, 26.6.1978, p. 45.	B
39.	Fuel consumption	80/1268/EEC	L 375, 31.12.1980, p. 36.	A
40.	Engine power	80/1269/EEC	L 375, 31.12.1980, p. 46.	C
41.	Diesel emissions	88/77/EEC	L 36, 9.2.1988, p. 33.	A
44.	Masses and dimensions (cars)	92/21/EEC	L 129, 14.5.1992, p. 1.	C
45.	Safety glass	92/22/EEC	L 129, 14.5.1992, p. 11.	X ^b B ^d
46.	Tyres	92/23/EEC	L 129, 14.5.1992, p. 95.	X ^b B ^d
50.	Couplings	94/20/EC	L 195, 29.7.1994, p. 1.	X ^b A ^d
53.	Frontal impact	96/79/EC	L 18, 21.1.1997, p. 7.	N/A
54.	Side impact	96/27/EC	L 169, 8.7.1996, p. 1.	N/A
58.	Pedestrian protection	2003/102/EC	L 321, 6.12.2003, p. 15.	N/A

a Electronic sub-assembly

b Component

c Vehicle

d Installation prescriptions

Status: This is the original version (as it was originally adopted).

e Until 26 January 2006 approvals according Directive 71/127/EEC can be accepted as alternative.

Key

X	:	Full compliance with regulatory act is required; EC type-approval certificate has to 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 have to be established by a notified technical service.
B	:	The technical prescriptions of the regulatory act have to be fulfilled. The tests provided for in the regulatory act have to be performed in their entirety; subject to the agreement of the approval authority, they may be performed by the manufacturer himself; he 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 has to 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).

PART II

Where reference is made to a separate directive or regulation, an approval issued under the following UNECE Regulations (taking account of the scope⁽¹⁾, and the amendment to each of the UNECE Regulations listed below) shall be recognised as an alternative to an EC type-approval granted under the relevant separate directive or regulation in the table of Part I.

These UNECE Regulations are the ones to which the Community has adhered as a Contracting Party to the United Nations Economic Commission for Europe 'Revised 1958 Geneva Agreement' by virtue of Council Decision 97/836/EC, or subsequent Council decisions as referred to in Article 3(3) of that Decision.

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

Subject		Basic UNECE Regulation Number	Series of amendments
1.	Sound levels	51	02
1.	Replacement silencing systems	59	00
2.	Emissions	83	03
2.	Replacement catalytic converters	103	00
3.	Rear protective device	58	01
3.	Fuel tanks	34	01
3.	Fuel tanks	67	01
3.	Fuel tanks	110	00
5.	Steering effort	79	01

Status: This is the original version (as it was originally adopted).

6.	Door latches and hinges	11	02
7.	Audible warning	28	00
8.	Rear view mirrors	46	01
8A.	Devices for indirect vision	46	02
9.	Braking	13	09
9.	Braking	13H	00
9.	Braking (lining)	90	01
10.	Radio suppression	10	02
11.	Diesel smoke	24	03
12.	Interior fittings	21	01
13.	Anti-theft	18	02
13.	Immobiliser	97	00
13.	Alarm systems	97	00
13.	Unauthorised use	116	00
14.	Behaviour of steering device under impact	12	03
15.	Seat strength	17	06
15.	Seat strength (buses and coaches)	80	01
16.	Exterior projections	26	02
17.	Speedometer	39	00
19.	Seat belt anchorages	14	04
20.	Installation of lighting and light signalling devices	48	01
21.	Retro reflectors	3	02
22.	End-outline/front-position (side)/rear-position (side)/stop lamps	7	02
22.	Daytime running lamps	87	00
22.	Side marker lamps	91	00
23.	Direction indicators	6	01
24.	Rear registration plate lamp	4	00

Status: This is the original version (as it was originally adopted).

25.	Headlamps (R ₂ and HS ₁)	1	01
25.	Headlamps (sealed beam)	5	02
25.	Headlamps (H ₁ , H ₂ , H ₃ , HB ₃ , HB ₄ , H ₇ , and/or H ₈)	8	04
25.	Headlamps (H ₄)	20	02
25.	Headlamps (halogen sealed beam)	31	02
25.	Filament lamps for use in approved lamp units	37	03
25.	Headlamps with gas-discharge light sources	98	00
25.	Gas-discharge light sources for use in approved gas-discharge lamp units	99	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
31.	Child restraints	44	03
38.	Head restraints (combined with seats)	17	06
38.	Head restraints	25	04
39.	Fuel consumption	101	00
40.	Engine power	85	00
41.	Diesel emission	49	02
42.	Lateral protection	73	00
45.	Safety glass	43	00
46.	Tyres, motor vehicles and their trailers	30	02
46.	Tyres, commercial vehicles and their trailers	54	00

Status: This is the original version (as it was originally adopted).

46.	Temporary-use spare wheels/tyres	64	00
46.	Rolling sound	117	00
47.	Speed limiters	89	00
50.	Couplings	55	01
51.	Flammability	118	00
52.	Strength of superstructure (buses)	66	00
53.	Frontal impact	94	01
54.	Side impact	95	02
55.	Front underrun protection	93	00

Status: This is the original version (as it was originally adopted).

- (1) 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.
- (2) For subsequent amendments, see UNECE TRANS/WP.29/343 in its latest revision.