

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

ANNEX I

SCOPE OF APPLICATION OF THE REQUIREMENTS REFERRED TO IN ARTICLE 5(1) AND (2)

Subject	Applicability										
	M ₁	M ₂	M ₃	N ₁	N ₂	N ₃	O ₁	O ₂	O ₃	O ₄	
Fuel tanks/ rear protective devices	X	X	X	X	X	X	X	X	X	X	X
Rear registration plate	X	X	X	X	X	X	X	X	X	X	X
Steering effort	X	X	X	X	X	X	X	X	X	X	X
Door latches and hinges	X			X	X	X					
Audible warning	X	X	X	X	X	X					
Indirect vision devices	X	X	X	X	X	X					
Braking	X	X	X	X	X	X	X	X	X	X	X
Radio interference (electromagnetic compatibility)	X	X	X	X	X	X	X	X	X	X	X
Interior fittings	X										
Anti- theft and immobiliser	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 Only if the vehicle is fitted with couplings.

d Not exceeding 2,5 tonnes technically permissible maximum laden mass.

e Only applicable to vehicles where the 'Seating reference point ("R" point)' of the lowest seat is not more than 700 mm above ground level. The 'R' point is defined in UNECE Regulation 95.

f Only when the manufacturer applies for type-approval of a vehicle intended for the transport of dangerous goods.

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

Protective steering	X			X						
Seat strength	X	X	X	X	X	X				
Exterior projections	X									
Speedometer	X	X	X	X	X	X				
Plates (statutory)	X	X	X	X	X	X	X	X	X	X
Seat belt anchorages	X	X	X	X	X	X				
Installation of lighting and light signalling devices	X	X	X	X	X	X	X	X	X	X
Retro reflectors	X	X	X	X	X	X	X	X	X	X
End-outline, front-position (side), rear-position (side), stop, side marker, daytime running lamps	X	X	X	X	X	X	X	X	X	X
Direction indicators	X	X	X	X	X	X	X	X	X	X
Rear registration	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 Only if the vehicle is fitted with couplings.

d Not exceeding 2,5 tonnes technically permissible maximum laden mass.

e Only applicable to vehicles where the 'Seating reference point ("R" point)' of the lowest seat is not more than 700 mm above ground level. The 'R' point is defined in UNECE Regulation 95.

f Only when the manufacturer applies for type-approval of a vehicle intended for the transport of dangerous goods.

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

plate lamps										
Headlamps (including bulbs)	X	X	X	X	X	X				
Front fog lamps	X	X	X	X	X	X				
Towing hooks	X	X	X	X	X	X				
Rear fog lamps	X	X	X	X	X	X	X	X	X	X
Reversing lamps	X	X	X	X	X	X	X	X	X	X
Parking lamps	X	X	X	X	X	X				
Seat belts and restraint systems	X	X	X	X	X	X				
Forward vision	X									
Identification of controls, tell-tales and indicators	X	X	X	X	X	X				
Defrost/demist	X	a	a	a	a	a				
Wash/wipe	X	b	b	b	b	b				
Heating systems	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 Only if the vehicle is fitted with couplings.

d Not exceeding 2,5 tonnes technically permissible maximum laden mass.

e Only applicable to vehicles where the 'Seating reference point ("R" point)' of the lowest seat is not more than 700 mm above ground level. The 'R' point is defined in UNECE Regulation 95.

f Only when the manufacturer applies for type-approval of a vehicle intended for the transport of dangerous goods.

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

Wheel guards	X									
Head restraints	X									
Lateral protection					X	X			X	X
Spray-suppression systems					X	X			X	X
Safety glazing	X	X	X	X	X	X	X	X	X	X
Tyres	X	X	X	X	X	X	X	X	X	X
Speed limitation devices		X	X		X	X				
Masses and dimensions	X	X	X	X	X	X	X	X	X	X
External projections of cabs				X	X	X				
Couplings	X ^c	X ^c	X ^c	X ^c	X ^c	X ^c	X	X	X	X
Flammability			X							
Buses and coaches		X	X							
Frontal impact	X ^d									
Side impact	X ^e			X ^e						
Vehicles intended for the transportation of				X ^f	X ^f	X ^f	X ^f	X ^f	X ^f	X ^f

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 Only if the vehicle is fitted with couplings.

d Not exceeding 2,5 tonnes technically permissible maximum laden mass.

e Only applicable to vehicles where the 'Seating reference point ("R" point)' of the lowest seat is not more than 700 mm above ground level. The 'R' point is defined in UNECE Regulation 95.

f Only when the manufacturer applies for type-approval of a vehicle intended for the transport of dangerous goods.

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

dangerous goods									
Front underrun protection				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	Only if the vehicle is fitted with couplings.								
d	Not exceeding 2,5 tonnes technically permissible maximum laden mass.								
e	Only applicable to vehicles where the 'Seating reference point ("R" point)' of the lowest seat is not more than 700 mm above ground level. The 'R' point is defined in UNECE Regulation 95.								
f	Only when the manufacturer applies for type-approval of a vehicle intended for the transport of dangerous goods.								

ANNEX II

Requirements for tyres with regard to wet grip, rolling resistance and rolling noise

PART A —

WET GRIP REQUIREMENTS

Class C1 tyres shall meet the following requirements:

Category of use	Wet grip index (G)
snow tyre with a speed symbol ('Q' or below, excluding 'H') indicating a maximum permissible speed not greater than 160 km/h	$\geq 0,9$
snow tyre with a speed symbol ('R' and above, including 'H') indicating a maximum permissible speed greater than 160 km/h	$\geq 1,0$
normal (road type) tyre	$\geq 1,1$

PART B —

ROLLING RESISTANCE REQUIREMENTS

The maximum values for the rolling resistance coefficient for each tyre type, measured in accordance with ISO 28580, shall not exceed the following:

TABLE 1

Tyre class	Max value (kg/tonne)1st stage
C1	12,0
C2	10,5

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

C3	8,0
----	-----

TABLE 2

Tyre class	Max value (kg/tonne)2nd stage
C1	10,5
C2	9,0
C3	6,5

For snow tyres, the limits in Table 2 shall be increased by 1 kg/tonne.

PART C —

ROLLING NOISE REQUIREMENTS

1. The noise levels determined in accordance with the procedure specified in the implementing measures to this Regulation shall not exceed the limits designated in points 1.1 or 1.2. The Tables in points 1.1 and 1.2 represent the measured values corrected for temperature, except in the case of C3 tyres, and instrument tolerance, and are rounded down to the nearest whole value.
 - 1.1. Class C1 tyres, with reference to the nominal section width of the tyre that has been tested:

Tyre class	Nominal section width (mm)	Limit values in dB(A)
C1A	≤ 185	70
C1B	$> 185 \leq 215$	71
C1C	$> 215 \leq 245$	71
C1D	$> 245 \leq 275$	72
C1E	> 275	74

For snow tyres, extra load tyres or reinforced tyres, or any combination of these classifications, the above limits shall be increased by 1 dB(A).

- 1.2. Class C2 and C3 tyres, with reference to the category of use of the range of tyres:

Tyre class	Category of use	Limit values in dB(A)
C2	Normal tyres	72
	Traction tyres	73
C3	Normal tyres	73
	Traction tyres	75

For special use tyres, the above limits shall be increased by 2 dB(A). An additional 2 dB(A) shall be allowed for snow tyres in the C2 traction tyre category. For all other categories of C2 and C3 tyres, an additional 1 dB(A) shall be allowed for snow tyres.

ANNEX III

Amendments to Directive 2007/46/EC

Directive 2007/46/EC is hereby amended as follows:

1. Part I of Annex IV shall be amended as follows:

(a) the table shall be amended as follows:

- (i) points 3 to 10, 12 to 38, 42 to 45 and 47 to 57 shall be deleted;
- (ii) point 46 shall be deleted;
- (iii) the following row shall be added:

Item	Subject	Regulatory act reference	Official Journal applicability										
			M ₁	M ₂	M ₃	N ₁	N ₂	N ₃	O ₁	O ₂	O ₃	O ₄	
'63	General safety	Regulation (EC) No 661/2009, p. 1.	X	X	X	X	X	X	X	X	X	X	X

(b) the Appendix shall be amended as follows:

- (i) points 3 to 10, 12 to 37, 44, 45 and 50 to 54 of the table shall be deleted;
- (ii) point 46 of the table shall be deleted;
- (iii) the following row shall be added to the table:

	Subject	Regulatory act reference	Official Journal reference	M ₁
'63	General safety	Regulation (EC) No 661/2009	OJ L 200, 31.7.2009, p. 1.	P/A'

(iv) in the 'Key', the following text shall be added:

P/ : This Regulation is partially applicable.
A : The precise scope of application is established in the implementing

measures to this
Regulation.

2. In the Appendix to Annex VI, the table shall be amended as follows:

- (a) points 3 to 10, 12 to 38, 42 to 45 and 47 to 57 shall be deleted;
- (b) point 46 shall be deleted;
- (c) the following row shall be added:

	Subject	Regulatory act reference ⁽¹⁾	As amended by	Applicable to versions
'63	General safety	Regulation (EC) No 661/2009'		

3. Annex XI shall be amended as follows:

- (a) in Appendix 1, the table shall be amended as follows:
 - (i) points 3 to 10, 12 to 38, 44, 45 and 47 to 54 shall be deleted;
 - (ii) point 46 shall be deleted;
 - (iii) the following row shall be added:

Item	Subject	Regulatory act reference	M₁ ≤ 2 500 ⁽¹⁾ kg	M₁ > 2 500 ⁽¹⁾ kg	M₂	M₃
'63	General safety	Regulation (EC) No 661/2009	P/A	P/A	P/A	P/A'

- (b) in Appendix 2, the table shall be amended as follows:
 - (i) points 3 to 10, 12 to 38, 42 to 45 and 47 to 57 shall be deleted;
 - (ii) point 46 shall be deleted;
 - (iii) the following row shall be added:

Item	Subject	Regulatory act reference	M₁	M₂	M₃	N₁	N₂	N₃	O₁	O₂	O₃	O₄
'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'

- (c) in Appendix 3, the table shall be amended as follows:

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

- (i) points 3 to 10, 12 to 37, 44, 45 and 50 to 54 shall be deleted;
- (ii) point 46 shall be deleted;
- (iii) the following row shall be added:

Item	Subject	Regulatory act reference	M ₁
'63	General safety	Regulation (EC) No 661/2009	P/A'

- (d) in Appendix 4, the table shall be amended as follows:

- (i) points 3 to 10, 13 to 36, 42 to 45 and 47 to 57 shall be deleted;
- (ii) point 46 shall be deleted;
- (iii) the following row shall be added:

Item	Subject	Regulatory act reference	M ₃	N ₁	N ₂	N ₃	O ₁	O ₂	O ₃	O ₄
'63	General safety	Regulation (EC) No 661/2009	P/A	P/A	P/A	P/A	P/A	P/A	P/A	P/A

- (e) in Appendix 5, the table shall be amended as follows:

- (i) points 3 to 10, 12 to 36, 42 to 45 and 47 to 57 shall be deleted;
- (ii) point 46 shall be deleted;
- (iii) the following row shall be added:

Item	Subject	Regulatory act reference	Mobile crane of category N ₃
'63	General safety	Regulation (EC) No 661/2009	P/A'

- (f) the 'Meaning of letters' shall be amended as follows:

- (i) points C, U, W₅, and W₆ shall be deleted;
- (ii) the following text shall be added:

P/ : This regulatory act is partially applicable.
 A : The precise scope of application is established in the

implementing
measures of this
Regulation.

4. In the table in Annex XV, point 46 shall be deleted.

ANNEX IV

List of UNECE Regulations which apply on a compulsory basis

ANNEX V

Implementation dates of the requirements for electronic stability control systems on vehicles of categories M₂, M₃, N₂, N₃, O₃ and O₄

Table 1 —

IMPLEMENTATION DATES FOR NEW TYPES OF VEHICLE

Vehicle category	Implementation date
M ₂	11 July 2013
M ₃ (Class III)	1 November 2011
M ₃ < 16 tonnes (pneumatic transmission)	1 November 2011
M ₃ (Class II and B) (hydraulic transmission)	11 July 2013
M ₃ (Class III) (hydraulic transmission)	11 July 2013
M ₃ (Class III) (pneumatic control transmission and hydraulic energy transmission)	11 July 2014
M ₃ (Class II) (pneumatic control transmission and hydraulic energy transmission)	11 July 2014
M ₃ (other than above)	1 November 2011
N ₂ (hydraulic transmission)	11 July 2013
N ₂ (pneumatic control transmission and hydraulic energy transmission)	11 July 2014
N ₂ (other than above)	11 July 2012
N ₃ (2 axle tractors for semi-trailers)	1 November 2011
N ₃ (2 axle tractors for semi-trailers with pneumatic control transmission (ABS))	1 November 2011

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

N ₃ (3 axles with electric control transmission (EBS))	1 November 2011
N ₃ (2 and 3 axles with pneumatic control transmission (ABS))	11 July 2012
N ₃ (other than above)	1 November 2011
O ₃ (combined axle load between 3.5 and 7.5 tonnes)	11 July 2012
O ₃ (other than above)	1 November 2011
O ₄	1 November 2011

Table 2 —

IMPLEMENTATION DATES FOR NEW VEHICLES

Vehicle category	Implementation date
M ₂	11 July 2015
M ₃ (Class III)	1 November 2014
M ₃ < 16 tonnes (pneumatic transmission)	1 November 2014
M ₃ (Class II and B) (hydraulic transmission)	11 July 2015
M ₃ (Class III) (hydraulic transmission)	11 July 2015
M ₃ (Class III) (pneumatic control transmission and hydraulic energy transmission)	11 July 2016
M ₃ (Class II) (pneumatic control transmission and hydraulic energy transmission)	11 July 2016
M ₃ (other than above)	1 November 2014
N ₂ (hydraulic transmission)	11 July 2015
N ₂ (pneumatic control transmission and hydraulic energy transmission)	11 July 2016
N ₂ (other than above)	1 November 2014
N ₃ (2 axle tractors for semi-trailers)	1 November 2014
N ₃ (2 axle tractors for semi-trailers with pneumatic control transmission (ABS))	1 November 2014
N ₃ (3 axles with electric control transmission (EBS))	1 November 2014
N ₃ (2 and 3 axles with pneumatic control transmission (ABS))	1 November 2014
N ₃ (other than above)	1 November 2014

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

O ₃ (combined axle load between 3.5 and 7.5 tonnes)	1 November 2014
O ₃ (other than above)	1 November 2014
O ₄	1 November 2014