

**Status:** Point in time view as at 24/04/2019.

**Changes to legislation:** There are outstanding changes not yet made to Regulation (EC) No 661/2009 of the European Parliament and of the Council. Any changes that have already been made to the legislation appear in the content and are referenced with annotations. (See end of Document for details)

## ANNEX I

### Scope of application of the requirements referred to in Article 5(1) and (2)

Subject	Applicability									
	M <sub>1</sub>	M <sub>2</sub>	M <sub>3</sub>	N <sub>1</sub>	N <sub>2</sub>	N <sub>3</sub>	O <sub>1</sub>	O <sub>2</sub>	O <sub>3</sub>	O <sub>4</sub>
Fuel tanks/ rear protective devices	X	X	X	X	X	X	X	X	X	X
Rear registration plate	X	X	X	X	X	X	X	X	X	X
Steering effort	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
Radio interference (electromagnetic compatibility)	X	X	X	X	X	X	X	X	X	X
Interior fittings	X									
Anti- theft and immobiliser	X	X	X	X	X	X				
Protective steering	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.

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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 plate lamps	X	X	X	X	X	X	X	X	X	X

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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
Wheel guards	X									

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Head restraints	X									
Lateral protection					X	X			X	X
[ <sup>f1</sup> Spray-suppression systems				X	X	X	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 <sup>c</sup>	X <sup>c</sup>	X <sup>c</sup>	X <sup>c</sup>	X <sup>c</sup>	X <sup>c</sup>	X <sup>c</sup>	X	X	X	X
Flammability			X							
Buses and coaches		X	X							
Frontal impact	X <sup>d</sup>									
Side impact	X <sup>e</sup>			X <sup>e</sup>						
Vehicles intended for the transportation of dangerous goods				X <sup>f</sup>	X <sup>f</sup>	X <sup>f</sup>	X <sup>f</sup>	X <sup>f</sup>	X <sup>f</sup>	X <sup>f</sup>

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Front underrun protection					X	X				
[ <sup>F2</sup> Electric safety	X	X	X	X	X	X				I
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.									

### Textual Amendments

- F1** Substituted by [Commission Regulation \(EU\) 2015/166 of 3 February 2015 supplementing and amending Regulation \(EC\) No 661/2009 of the European Parliament and of the Council as regards the inclusion of specific procedures, assessment methods and technical requirements, and amending Directive 2007/46/EC of the European Parliament and of the Council, and Commission Regulations \(EU\) No 1003/2010, \(EU\) No 109/2011 and \(EU\) No 458/2011 \(Text with EEA relevance\).](#)
- F2** Inserted by [Commission Regulation \(EU\) 2015/166 of 3 February 2015 supplementing and amending Regulation \(EC\) No 661/2009 of the European Parliament and of the Council as regards the inclusion of specific procedures, assessment methods and technical requirements, and amending Directive 2007/46/EC of the European Parliament and of the Council, and Commission Regulations \(EU\) No 1003/2010, \(EU\) No 109/2011 and \(EU\) No 458/2011 \(Text with EEA relevance\).](#)

## 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	≥ 0,9
snow tyre with a speed symbol (‘R’ and above, including ‘H’) indicating a maximum permissible speed greater than 160 km/h	≥ 1,0
normal (road type) tyre	≥ 1,1

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## 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
C3	8,0

TABLE 2

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

[<sup>X1</sup>For snow tyres, the limits in Table 1 and Table 2 shall be increased by 1 kg/tonne.]

#### Editorial Information

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

## 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 ≤ 215	71

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C1C	> 215 ≤ 245	71
C1D	> 245 ≤ 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) [X<sup>2</sup>points 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 42, 43, 44, 45, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56 and 57 shall be deleted;]
- (ii) point 46 shall be deleted;
- (iii) the following row shall be added:

Item	Subject	Regulation reference	Applicability										
			Official Journal reference	M <sub>2</sub>	M <sub>3</sub>	N <sub>1</sub>	N <sub>2</sub>	N <sub>3</sub>	O <sub>1</sub>	O <sub>2</sub>	O <sub>3</sub>	O <sub>4</sub>	
'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:

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- (i) [<sup>x2</sup>points 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 44, 45, 50, 51, 52, 53 and 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:

	<b>Subject</b>	<b>Regulatory act reference</b>	<b>Official Journal reference</b>	<b>M<sub>1</sub></b>
'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:

	<b>Subject</b>	<b>Regulatory act reference</b> ( <sup>1</sup> )	<b>As amended by</b>	<b>Applicable to versions</b>
'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) [<sup>x2</sup>points 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 44, 45, 47, 48, 49, 50, 51, 52, 53 and 54 shall be deleted;]
- (ii) point 46 shall be deleted;
- (iii) the following row shall be added:



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Item	Subject	Regulatory act reference	$M_1 \leq 2\,500$ (1) kg	$M_1 > 2\,500$ (1) kg	$M_2$	$M_3$
'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) [<sup>x2</sup>points 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 42, 43, 44, 45, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56 and 57 shall be deleted;]
- (ii) point 46 shall be deleted;
- (iii) the following row shall be added:

Item	Subject	Regulatory act reference	$M_2$	$M_3$	$N_1$	$N_2$	$N_3$	$O_1$	$O_2$	$O_3$	$O_4$
'63	General safety	Regulation (EC) No 661/2009	P/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:

- (i) [<sup>x2</sup>points 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 44, 45, 50, 51, 52, 53 and 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) [<sup>x2</sup>points 3, 4, 5, 6, 7, 8, 9, 10, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 42, 43, 44, 45, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56 and 57 shall be deleted;]
- (ii) point 46 shall be deleted;
- (iii) the following row shall be added:

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Item	Subject	Regulatory act reference	M <sub>3</sub>	N <sub>1</sub>	N <sub>2</sub>	N <sub>3</sub>	O <sub>1</sub>	O <sub>2</sub>	O <sub>3</sub>	O <sub>4</sub>
'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) [<sup>X2</sup>points 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 42, 43, 44, 45, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56 and 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 <sub>3</sub>
'63	General safety	Regulation (EC) No 661/2009	P/A'

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

- (i) points C, U, W<sub>5</sub>, and W<sub>6</sub> shall be deleted;
- (ii) the following text shall be added:

P/  
A : This regulatory act is partially applicable. 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.

#### Editorial Information

- X2** Substituted by [Corrigendum to Regulation \(EC\) No 661/2009 of the European Parliament and of the Council of 13 July 2009 concerning type-approval requirements for the general safety of motor vehicles, their trailers and systems, components and separate technical units intended therefor \(Official Journal of the European Union L 200 of 31 July 2009\)](#).

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

### List of UNECE Regulations which apply on a compulsory basis

Regulation Number	Subject	Series of amendments published in the OJ	OJ Reference	Scope covered by the UNECE Regulation
1	Headlamps emitting an asymmetrical passing beam and/or driving beam equipped with filament lamps R2 and/or HS1	02 series of amendments	<a href="#">OJ L 177, 10.7.2010, p. 1.</a>	M, N <sup>(a)</sup>
3	Retro-reflecting devices for power-driven vehicles	Supplement 12 to the 02 series of amendments	<a href="#">OJ L 323, 6.12.2011, p. 1.</a>	M, N, O
4	Illumination of rear-registration plates of power-driven vehicles and their trailers	Supplement 15 to the original version of the Regulation	<a href="#">OJ L 4, 7.1.2012, p. 7.</a>	M, N, O
6	Direction indicators for power-driven vehicles and their trailers	Supplement 25 to the 01 series of amendments	<a href="#">OJ L 213, 18.7.2014, p. 1.</a>	M, N, O
7	Front and rear position (side) lamps, stop-lamps and end-outline marker lamps for power-driven vehicles and their trailers	Supplement 23 to the 02 series of amendments	<a href="#">OJ L 285, 30.9.2014, p. 1.</a>	M, N, O
8	Motor vehicles headlamps (H1, H2, H3, HB3, HB4, H7, H8, H9, HIR1, HIR2 and/or H11)	05 series of amendments Corrigendum 1 to Revision 4	<a href="#">OJ L 177, 10.7.2010, p. 71.</a>	M, N <sup>(a)</sup>
[ <sup>F3</sup> 10	Electromagnetic compatibility	Supplement 1 to the 05 series of amendments	<a href="#">OJ L 41, 17.2.2017, p. 1.</a>	M, N, O]

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11	Door latches and door retention components	Supplement 2 to the 03 series of amendments	<a href="#">OJ L 120, 13.5.2010, p. 1.</a>	M <sub>1</sub> , N <sub>1</sub>
12	Protection of the driver against the steering mechanism in the event of impact	Supplement 1 to the 04 series of amendments	<a href="#">OJ L 89, 27.3.2013, p. 1.</a>	M <sub>1</sub> , N <sub>1</sub>
[ <sup>F4</sup> 13	Braking of vehicles and trailers	Supplement 13 to the 11 series of amendments	<a href="#">OJ L 42, 18.2.2016, p. 1.</a>	M <sub>2</sub> , M <sub>3</sub> , N, O <sup>(b)</sup>
13-H	Braking of passenger cars	Supplement 16 to the original version of the Regulation	<a href="#">OJ L 335, 22.12.2015, p. 1.</a>	M <sub>1</sub> , N <sub>1</sub> <sup>(c)</sup>
14	Safety-belt anchorages, ISOFIX anchorages systems and ISOFIX top tether anchorages	Supplement 5 to the 07 series of amendments	<a href="#">OJ L 218, 19.8.2015, p. 27.</a>	M, N
[ <sup>F3</sup> 16	Safety-belts, restraint systems, child restraint systems and ISOFIX child restraint systems	Supplement 2 to the 07 series of amendments	<a href="#">OJ L 109, 27.4.2018, p. 1.</a>	M, N <sup>(d)</sup> ]]
17	Seats, their anchorages and any head restraints	08 series of amendments	<a href="#">OJ L 230, 31.8.2010, p. 81.</a>	M, N
18	Protection of motor vehicles against unauthorized use	Supplement 2 to the 03 series of amendments	<a href="#">OJ L 120, 13.5.2010, p. 29.</a>	M <sub>2</sub> , M <sub>3</sub> , N <sub>2</sub> , N <sub>3</sub>
19	Power-driven vehicle front fog lamps	Supplement 6 to the 04 series of amendments	<a href="#">OJ L 250, 22.8.2014, p. 1.</a>	M, N
20	Headlamps emitting an asymmetrical passing beam or a driving beam or both and equipped with	03 series of amendments	<a href="#">OJ L 177, 10.7.2010, p. 170.</a>	M, N <sup>(a)</sup>

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	halogen filament lamps (H4)			
21	Interior fittings	Supplement 3 to the 01 series of amendments	<a href="#">OJ L 188, 16.7.2008, p. 32.</a>	M <sub>1</sub>
23	Reversing lights for power-driven vehicles and their trailers	Supplement 19 to the original version of the Regulation	<a href="#">OJ L 237, 8.8.2014, p. 1.</a>	M, N, O
25	Head restraints (headrests), whether or not incorporated in vehicle seats	04 series of amendments Corrigendum 2 to Revision 1	<a href="#">OJ L 215, 14.8.2010, p. 1.</a>	M <sub>1</sub>
26	External projections	Supplement 1 to the 03 series of amendments	<a href="#">OJ L 215, 14.8.2010, p. 27.</a>	M <sub>1</sub>
28	Audible warning devices and signals	Supplement 3 to the original version of the Regulation	<a href="#">OJ L 323, 6.12.2011, p. 33.</a>	M, N
29	Protection of the occupants of the cab of a commercial vehicle	03 series of amendments	<a href="#">OJ L 304, 20.11.2010, p. 21.</a>	N
30	Pneumatic tyres for motor vehicles and their trailers (Class C1)	Supplement 16 to the 02 series of amendments	<a href="#">OJ L 307, 23.11.2011, p. 1.</a>	M, N, O
31	Power-driven vehicle's sealed-beam headlamps (SB) emitting an European asymmetrical passing beam or a driving beam or both	Supplement 7 to the 02 series of amendments	<a href="#">OJ L 185, 17.7.2010, p. 15.</a>	M, N
[ <sup>F3</sup> 34	Prevention of fire risks (liquid fuel tanks)	Supplement 1 to the 03 series of amendments	<a href="#">OJ L 231, 26.8.2016, p. 41.</a>	M, N, O (°)]
37	Filament lamps for use in approved lamp units of power-	Supplement 42 to the 03 series of amendments	<a href="#">OJ L 213, 18.7.2014, p. 36.</a>	M, N, O

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	driven vehicles and their trailers			
38	Rear fog lamps for power-driven vehicles and their trailers	Supplement 15 to the original version of the Regulation	<a href="#">OJ L 4, 7.1.2012, p. 20.</a>	M, N, O
[ <sup>F3</sup> 39	Speedometer equipment including its installation	Supplement 1 to the 01 series of amendments	<a href="#">OJ L 302, 28.11.2018, p. 106</a>	M, N]
43	Safety glazing materials	Supplement 2 to the 01 series of amendments	<a href="#">OJ L 42, 12.2.2014, p. 1.</a>	M, N, O
[ <sup>F3</sup> 44	Restraining devices for child occupants of power-driven vehicles ('child restraint system')	Supplement 10 to the 04 series of amendments	<a href="#">OJ L 265, 30.9.2016, p. 1.</a>	M, N ( <sup>h</sup> )]
46	Devices for indirect vision and their installation	Supplement 1 to the 04 series of amendments	<a href="#">OJ L 237, 8.8.2014, p. 24.</a>	M, N
[ <sup>F3</sup> 48	Installation of lighting and light-signalling devices on motor vehicles	Supplement 10 to the 06 series of amendments	<a href="#">OJ L 14, 16.1.2019, p. 42</a>	M, N, O]
54	Pneumatic tyres for commercial vehicles and their trailers (Classes C2 and C3)	Supplement 17 to the original version of the Regulation	<a href="#">OJ L 307, 23.11.2011, p. 2.</a>	M, N, O
55	Mechanical coupling components of combinations of vehicles	Supplement 1 to the 01 series of amendments	<a href="#">OJ L 227, 28.8.2010, p. 1.</a>	M, N, O ( <sup>f</sup> )
[ <sup>F3</sup> 58	Rear underrun protective devices (RUPDs) and their installation; Rear underrun protection (RUP)	03 series of amendments	<a href="#">OJ L 49, 20.2.2019, p. 1.</a>	M, N, O]

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61	Commercial vehicles with regard to their external projections forward of the cab's rear panel	Supplement 1 to the original version of the Regulation	<a href="#">OJ L 164, 30.6.2010, p. 1.</a>	N
64	Temporary-use spare unit, run-flat tyres/system and tyre pressure monitoring system	Corrigendum 1 to the 02 series of amendments	<a href="#">OJ L 310, 26.11.2010, p. 18.</a>	M <sub>1</sub> , N <sub>1</sub>
66	Strength of the superstructure of large passenger vehicles	02 series of amendments	<a href="#">OJ L 84, 30.3.2011, p. 1.</a>	M <sub>2</sub> , M <sub>3</sub>
[ <sup>F3</sup> 67]	Motor vehicles using LPG	Supplement 14 to the 01 series of amendments	<a href="#">OJ L 285, 20.10.2016, p. 1.</a>	M, N]
73	Lateral protection of goods vehicles	01 series of amendments	<a href="#">OJ L 122, 8.5.2012, p. 1.</a>	N <sub>2</sub> , N <sub>3</sub> , O <sub>3</sub> , O <sub>4</sub>
77	Parking lamps for power-driven vehicles	Supplement 14 to the original version of the Regulation	<a href="#">OJ L 4, 7.1.2012, p. 21.</a>	M, N
[ <sup>F3</sup> 79]	Steering equipment	03 series of amendments	<a href="#">OJ L 318, 14.12.2018, p. 1.</a>	M, N, O]
80	Seats of large passenger vehicles	03 series of amendments to the Regulation	<a href="#">OJ L 226, 24.8.2013, p. 20.</a>	M <sub>2</sub> , M <sub>3</sub>
87	Daytime running lamps for power-driven vehicles	Supplement 15 to the original version of the Regulation	<a href="#">OJ L 4, 7.1.2012, p. 24.</a>	M, N
89	Speed limitation devices	Supplement 2 to the original version of the Regulation	<a href="#">OJ L 4, 7.1.2012, p. 25.</a>	M, N ( <sup>g</sup> )
90	Replacement brake lining assemblies and drum brake linings for power-driven	02 series of amendments	<a href="#">OJ L 185, 13.7.2012, p. 24.</a>	M, N, O

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	vehicles and their trailers			
91	Side-marker lamps for motor vehicles and their trailers	Supplement 13 to the original version of the Regulation	<a href="#">OJ L 4, 7.1.2012, p. 27.</a>	M, N, O
93	Front underrun protective devices (FUPDs) and their installation; front underrun protection (FUP)	Original version of the Regulation	<a href="#">OJ L 185, 17.7.2010, p. 56.</a>	N <sub>2</sub> , N <sub>3</sub>
[ <sup>F3</sup> 94	Protection of occupants in the event of a frontal collision	03 series of amendments	<a href="#">OJ L 35, 8.2.2018, p. 1.</a>	M <sub>11</sub>
[ <sup>F4</sup> 95	Protection of occupants in the event of a lateral collision	Supplement 4 to the 03 series of amendments	<a href="#">OJ L 183, 10.7.2015, p. 91.</a>	M <sub>1</sub> , N <sub>11</sub>
97	Vehicle Alarm Systems (VAS)	Supplement 6 to the 01 series of amendments	<a href="#">OJ L 122, 8.5.2012, p. 19.</a>	M <sub>1</sub> , N <sub>1</sub>
98	Motor vehicle headlamps equipped with gas-discharge light sources	Supplement 4 to the 01 series of amendments	<a href="#">OJ L 176, 14.6.2014, p. 64.</a>	M, N
99	Gas-discharge light sources for use in approved gas-discharge lamp units of power-driven vehicles	Supplement 9 to the original version of the Regulation	<a href="#">OJ L 285, 30.9.2014, p. 35.</a>	M, N
[ <sup>F3</sup> 100	Electric safety	Supplement 3 to the 02 series of amendments	<a href="#">OJ L 302, 28.11.2018, p. 114.</a>	M, N]
102	Close-coupling device (CCD); fitting of an approved type of CCD	Original version of the Regulation	<a href="#">OJ L 351, 30.12.2008, p. 44.</a>	N <sub>2</sub> , N <sub>3</sub> , O <sub>3</sub> , O <sub>4</sub>
104	Retro-reflective markings	Supplement 7 to the original version	<a href="#">OJ L 75, 14.3.2014, p. 29.</a>	M <sub>2</sub> , M <sub>3</sub> , N, O <sub>2</sub> , O <sub>3</sub> , O <sub>4</sub>



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	(heavy and long vehicles)			
105	Vehicles for the carriage of dangerous goods	05 series of amendments	<a href="#">OJ L 4, 7.1.2012, p. 30.</a>	N, O
[ <sup>F4</sup> [ <sup>F3</sup> 107	M <sub>2</sub> and M <sub>3</sub> vehicles	Supplement 1 to the 07 series of amendments	<a href="#">OJ L 52, 23.2.2018, p. 1.</a>	M <sub>2</sub> , M <sub>3</sub> <sub>1</sub>
110	Specific components for CNG	Supplement 2 to 01 series of amendments	<a href="#">OJ L 166, 30.6.2015, p. 1.</a>	M, N]
112	Motor vehicle headlamps emitting an asymmetrical passing beam or a driving beam or both and equipped with filament lamps and/or LED modules	Supplement 4 to the 01 series of amendments	<a href="#">OJ L 250, 22.8.2014, p. 67.</a>	M, N
116	Protection of motor vehicles against unauthorized use	Supplement 3 to the original version of the Regulation	<a href="#">OJ L 45, 16.2.2012, p. 1.</a>	M <sub>1</sub> , N <sub>1</sub>
[ <sup>F3</sup> 117	Tyres with regard to rolling sound emissions, adhesion on wet surfaces and rolling resistance (Classes C1, C2 and C3)	Supplement 8 to the 02 series of amendments	<a href="#">OJ L 218, 12.8.2016, p. 1.</a>	M, N, O]
[ <sup>F4</sup> 118	Fire resistance of materials used in buses	Supplement 1 to the 02 series of amendments	<a href="#">OJ L 102, 21.4.2015, p. 67.</a>	M <sub>3</sub> <sub>1</sub>
[ <sup>F3</sup> 119	Cornering lamps	Supplement 3 to the 01 series of amendments	<a href="#">OJ L 89, 25.3.2014, p. 101.</a>	M, N ( <sup>h</sup> )]
[ <sup>F4</sup> 121	Location and identification of hand controls, tell-tales and indicators	01 series of amendments	<a href="#">OJ L 5, 8.1.2016, p. 9.</a>	M, N]

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122	Heating system of vehicles	Supplement 1 to the original version of the Regulation	OJ L 164, 30.6.2010, p. 231.	M, N, O
[ <sup>F3</sup> 123	Adaptive front-lighting systems (AFS)	Supplement 9 to the 01 series of amendments	OJ L 49, 20.2.2019, p. 24.	M, N]
[ <sup>F3</sup> 125	Forward field of vision	Supplement 1 to the 01 series of amendments	OJ L 20, 25.1.2018, p. 16.	M <sub>1</sub> ]
[ <sup>F3</sup> 128	Light Emitting Diode (LED) light sources	Supplement 6 to the original version of the Regulation	OJ L 320, 17.12.2018, p. 63.	M, N, O]
[ <sup>F5</sup> 140	Stability control	Supplement 2 to the original version of the Regulation	OJ L 269, 26.10.2018, p. 17.	M <sub>1</sub> , N <sub>1</sub>
141	Tyre Pressure Monitoring Systems (TPMS)	Original version of the Regulation	OJ L 269, 26.10.2018, p. 36.	M <sub>1</sub> , N <sub>1</sub> (1)]

#### Textual Amendments

- F3** Substituted by [Commission Regulation \(EU\) 2019/543 of 3 April 2019 amending Annex IV to Regulation \(EC\) No 661/2009 of the European Parliament and of the Council and Annexes I, III and IV to Directive 2007/46/EC of the European Parliament and of the Council as regards updating the references to and including certain Regulations of the United Nations Economic Commission for Europe on the type-approval of motor vehicles \(Text with EEA relevance\).](#)
- F4** Substituted by [Commission Regulation \(EU\) 2016/1004 of 22 June 2016 amending Regulation \(EC\) No 661/2009 of the European Parliament and of the Council \(Text with EEA relevance\).](#)
- F5** Inserted by [Commission Regulation \(EU\) 2019/543 of 3 April 2019 amending Annex IV to Regulation \(EC\) No 661/2009 of the European Parliament and of the Council and Annexes I, III and IV to Directive 2007/46/EC of the European Parliament and of the Council as regards updating the references to and including certain Regulations of the United Nations Economic Commission for Europe on the type-approval of motor vehicles \(Text with EEA relevance\).](#)

#### Notes to the table:

The transitional provisions of the UNECE regulations listed in this table apply, except where specific alternative dates are provided for in this Regulation. Compliance with prescriptions in accordance with subsequent amendments to those listed in this table shall also be accepted.

The dates specified in the UNECE regulations listed in this table, as regards the obligations of Contracting Parties to the 'Revised 1958 Agreement' (Council Decision of 27 November 1997 with a view to accession by the European Community to the Agreement of the United Nations Economic Commission for Europe concerning the adoption of uniform technical prescriptions for wheeled vehicles, equipment and parts which can be fitted to and/or be used on wheeled vehicles and the conditions for reciprocal recognition of approvals granted on the basis of these prescriptions ('Revised 1958 Agreement') (OJ L 346, 17.12.1997, p. 78).), linked to first

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registration, entry into service, making available on the market, sale, and any similar provisions, apply on a compulsory basis for the purposes of Articles 26 and 28 of Directive 2007/46/EC except in the case where alternative dates are specified in Regulation (EC) No 661/2009, which should then be taken instead.

In certain instances, a UNECE regulation listed in this table provides in its transitional provisions that as from a specified date, Contracting Parties to the 'Revised 1958 Agreement', applying a certain series of amendments to that UNECE regulation, shall not be obliged to accept or may refuse to accept, for the purpose of national or regional type-approval, a type approved in accordance with a preceding series of amendments, or wording with similar intention and meaning. This shall be construed as a binding provision for national authorities to consider the certificates of conformity to be no longer valid for the purposes of Article 26 of Directive 2007/46/EC, except in the case where alternative dates are specified in Regulation (EC) No 661/2009, which should then be taken instead.

- (<sup>a</sup>) UNECE Regulation Nos 1, 8 and 20 are not applicable for EC type-approval of new vehicles.
- [<sup>F3</sup>(<sup>b</sup>) The fitting of an electronic stability control system is required in accordance with Article 12(1) and (2) of Regulation (EC) No 661/2009.]
- [<sup>F3</sup>(<sup>c</sup>) The fitting of an electronic stability control system is required in accordance with Article 12(1) and (2) of Regulation (EC) No 661/2009.]
- (<sup>d</sup>) A safety-belt reminder is not required for a driver position equipped with an S-type belt or Harness belt.
- (<sup>e</sup>) Compliance with Part II of UNECE Regulation No 34 is not compulsory.
- [<sup>F3</sup>(<sup>f</sup>) Where it is declared by the vehicle manufacturer that a vehicle is suitable for towing loads (point 2.11.5 of Annex I to Directive 2007/46/EC) and any part of a suitable mechanical coupling device, whether fitted or not to the type of motor-vehicle, could (partly) obscure any lighting component and/or the space for mounting and fixing the rear registration plate, the following shall apply:
  - the motor-vehicle's user instructions (e.g. owner's manual, vehicle handbook) shall clearly specify that installation of a mechanical coupling device that cannot be easily removed or repositioned is not permitted;
  - the instructions shall also clearly specify that, when fitted, a mechanical coupling device must always be removed or repositioned when it is not in use; and
  - in the case of vehicle system type-approval according to UN Regulation 55, it shall be ensured that the removal, repositioning and/or alternate location provisions are also fully complied with as regards lighting installation and space for mounting and fixing the rear registration plate.]
- (<sup>g</sup>) Only Speed Limitation Devices (SLD) and the mandatory installation of SLD on vehicles of category M<sub>2</sub>, M<sub>3</sub>, N<sub>2</sub> and N<sub>3</sub> are concerned.
- [<sup>F5</sup>(<sup>h</sup>) A Universal International Whole Vehicle Type Approval issued under UN Regulation No 0 (OJL 135, 31.5.2018, p. 1), that includes type-approval under the respective UN Regulations in the table that refer to this note, shall be considered equivalent to an EC type-approval granted under this Regulation.]
- [<sup>F5</sup>(<sup>i</sup>) Tyre pressure monitoring system for M1 vehicles applies on a compulsory basis in accordance with Article 9(2) of Regulation (EC) No 661/2009. UN Regulation No 141 applies to the approval of vehicles of category M1 up to a maximum mass of 3 500 kg.

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UN Regulation No 141 may apply on voluntary basis to the approval of vehicles of category N1 that are not fitted with twin wheels on an axle.]

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## Appendix

### Validity and extension of approvals granted under the Directives repealed by this Regulation

In accordance with Article 13(14) of this Regulation, EC type-approval certificates for vehicles, components and separate technical units issued in accordance with the directives listed below may be used to demonstrate compliance with the relevant UNECE regulations.

Regulation Number	Subject	Corresponding Directive	OJ Reference	Applicability
10	Electromagnetic compatibility	Directive 72/245/EEC	OJ L 152, 6.7.1972, p. 15.	M, N, O, component, STU <sup>(a)</sup>
11	Door latches and door retention components	Directive 70/387/EEC	OJ L 176, 10.8.1970, p. 5.	M <sub>1</sub> , N <sub>1</sub> <sup>(b)</sup>
12	Protection of the driver against the steering mechanism in the event of impact	Directive 74/297/EEC	OJ L 165, 20.6.1974, p. 16.	M <sub>1</sub> , N <sub>1</sub> <sup>(a)</sup>
14	Safety-belt anchorages, ISOFIX anchorages systems and ISOFIX top tether anchorages	Directive 76/115/EEC	OJ L 24, 30.1.1976, p. 6.	M <sup>(c)</sup>
18	Protection of motor vehicles against unauthorized use	Directive 74/61/EEC	OJ L 38, 11.2.1974, p. 22.	M <sub>2</sub> , M <sub>3</sub> , N <sub>2</sub> , N <sub>3</sub> , component, STU
21	Interior fittings	Directive 74/60/EEC	OJ L 38, 11.2.1974, p. 2.	M <sub>1</sub>
26	External projections	Directive 74/483/EEC	OJ L 266, 2.10.1974, p. 4.	M <sub>1</sub> , STU <sup>(d)</sup>
28	Audible warning devices and signals	Directive 70/388/EEC	OJ L 176, 10.8.1970, p. 12.	M, N, component
30	Pneumatic tyres for motor vehicles and their trailers (Class C1)	Directive 92/23/EEC	OJ L 129, 14.5.1992, p. 95.	component <sup>(e)</sup>

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34	Prevention of fire risks (liquid fuel tanks)	Directive 70/221/EEC	<a href="#">OJ L 76, 6.4.1970, p. 23.</a>	M, N, O <sup>(f)</sup>
39	Speedometer equipment including its installation	Directive 75/443/EEC	<a href="#">OJ L 196, 26.7.1975, p. 1.</a>	M, N <sup>(g)</sup>
43	Safety glazing materials	Directive 92/22/EEC	<a href="#">OJ L 129, 14.5.1992, p. 11.</a>	M, N, O, component
[ <sup>F4</sup> 46	Devices for indirect vision and their installation	Directive 2003/97/EC	<a href="#">OJ L 25, 29.1.2004, p. 1.</a>	M, N <sub>1</sub> , component]
48	Installation of lighting and light-signalling devices on motor vehicles	Directive 76/756/EEC	<a href="#">OJ L 262, 27.9.1976, p. 1.</a>	M, N, O
55	Mechanical coupling components of combinations of vehicles	Directive 94/20/EC	<a href="#">OJ L 195, 29.7.1994, p. 1.</a>	M, N, O, component
58	Rear underrun protective devices (RUPDs) and their installation; Rear underrun protection (RUP)	Directive 70/221/EEC	<a href="#">OJ L 76, 6.4.1970, p. 23.</a>	M, N, O, STU
61	Commercial vehicles with regard to their external projections forward of the cab's rear panel	Directive 92/114/EEC	<a href="#">OJ L 409, 31.12.1992, p. 17.</a>	N
73	Lateral protection of goods vehicles	Directive 89/297/EEC	<a href="#">OJ L 124, 5.5.1989, p. 1.</a>	N <sub>2</sub> , N <sub>3</sub> , O <sub>3</sub> , O <sub>4</sub>
79	Steering equipment	Directive 70/311/EEC	<a href="#">OJ L 133, 18.6.1970, p. 10.</a>	M, N, O <sup>(h)</sup>
89	Speed limitation devices	Directive 92/24/EEC	<a href="#">OJ L 129, 14.5.1992, p. 154.</a>	M <sub>2</sub> , M <sub>3</sub> , N <sub>2</sub> , N <sub>3</sub> , STU
90	Replacement brake lining	Directive 71/320/EEC	<a href="#">OJ L 202, 6.9.1971, p. 37.</a>	STU <sup>(i)</sup>

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	assemblies and drum brake linings for power-driven vehicles and their trailers			
93	Front underrun protective devices (FUPDs) and their installation; front underrun protection (FUP)	Directive 2000/40/EC	<a href="#">OJ L 203, 10.8.2000, p. 9.</a>	N <sub>2</sub> , N <sub>3</sub> , STU
97	Vehicle Alarm Systems (VAS)	Directive 74/61/EEC	<a href="#">OJ L 38, 11.2.1974, p. 22.</a>	M <sub>1</sub> , N <sub>1</sub> , component, STU
116	Protection of motor vehicles against unauthorized use	Directive 74/61/EEC	<a href="#">OJ L 38, 11.2.1974, p. 22.</a>	M <sub>1</sub> , N <sub>1</sub> , component, STU
[ <sup>F6</sup> ]				
122	Heating system of vehicles	Directive 2001/56/EC	<a href="#">OJ L 292, 9.11.2001, p. 21.</a>	M, N, O, component
125	Forward field of vision	Directive 77/649/EEC	<a href="#">OJ L 267, 19.10.1977, p. 1.</a>	M <sub>1</sub>

#### Textual Amendments

**F6** Deleted by [Commission Regulation \(EU\) 2016/1004 of 22 June 2016 amending Regulation \(EC\) No 661/2009 of the European Parliament and of the Council \(Text with EEA relevance\).](#)

Notes to the table:

- (<sup>a</sup>) Not applicable for vehicle types equipped with electric propulsion.
- (<sup>b</sup>) Not applicable for vehicle types in case of design changes to and/or the introduction of any back door and/or sliding door.
- (<sup>c</sup>) Only applicable for special purpose completed vehicles of category M<sub>1</sub>, excluding motor-caravans, with a permissible maximum laden mass exceeding 2,0 tonnes, as well as for vehicle categories M<sub>2</sub> and M<sub>3</sub>.
- (<sup>d</sup>) Not applicable for radio receiving or transmitting aerials considered as separate technical units.
- (<sup>e</sup>) Only applicable for Class C1 tyres manufactured before, on or after 1 November 2014, to be sold and put into service after 1 November 2014 and being identified by means of the letter code 'Z' placed within the tyre size designation.
- (<sup>f</sup>) Not covering Part II of UNECE Regulation No 34.

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- (<sup>g</sup>) See Article 4 of Regulation (EU) No 130/2012 (Commission Regulation (EU) No 130/2012 of 15 February 2012 concerning type-approval requirements for motor vehicles with regard to vehicle access and manoeuvrability 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 therefor ([OJ L 43, 16.2.2012, p. 6](#))).
- (<sup>h</sup>) Not applicable for vehicle types equipped with steering equipment containing complex electronic control systems.
- (<sup>i</sup>) Notwithstanding the provisions of Article 7(1) of Regulation (EU) 2015/166 and not applicable for brake discs and drums.]

## ANNEX V

### Implementation dates of the requirements for electronic stability control systems on vehicles of categories M<sub>2</sub>, M<sub>3</sub>, N<sub>2</sub>, N<sub>3</sub>, O<sub>3</sub> and O<sub>4</sub>

Table 1 —

#### IMPLEMENTATION DATES FOR NEW TYPES OF VEHICLE

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



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

Table 2 —

*IMPLEMENTATION DATES FOR NEW VEHICLES*

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

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**Changes to legislation:** There are outstanding changes not yet made to Regulation (EC) No 661/2009 of the European Parliament and of the Council. Any changes that have already been made to the legislation appear in the content and are referenced with annotations. (See end of Document for details)

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

**Status:**

Point in time view as at 24/04/2019.

**Changes to legislation:**

There are outstanding changes not yet made to Regulation (EC) No 661/2009 of the European Parliament and of the Council. Any changes that have already been made to the legislation appear in the content and are referenced with annotations.