

SCHEDULES

SCHEDULE 1

Regulation 16(2)

Technical and administrative requirements for grant of national small series type approval

PART 1

Interpretation

1. In this Schedule—

“approval” means—

- (a) a certificate of type approval (including a certificate issued in accordance with Council Directive [70/156/EEC](#) or Directive [2007/46/EC](#)) issued in the United Kingdom or [^{F1}a] member State, or
- (b) a document of approval issued under the law of a country or territory outside the United Kingdom,

which is sufficient to show that a vehicle, system, component or separate technical unit complies with a requirement specified in column 1 of a table in this Schedule;

“certificate of conformity” means a certificate of conformity issued in respect of a type approval granted in the United Kingdom or [^{F2}a] member State (including a type approval granted before 5th July 2020);

“disabled person's vehicle” means a vehicle constructed or adapted to enable a person with a disability to travel in the vehicle as a driver or a passenger, in safety and reasonable comfort (and “disability” has the same meaning as in section 6(1) of the Equality Act 2010 ^{M1});

“effective date” has the meaning given in Part 1 of Schedule 2;

“test report” means a report issued by a technical service (within the meaning of Article 3(38) of the Type Approval Regulation [^{F3}or, in the case of a UK (NI) national small series type-approval, the EU Type Approval Regulation]) which is sufficient to show that a vehicle, system, component or separate technical unit complies with a requirement specified in column 1 of a table in this Schedule.

Textual Amendments

- F1** Word in Sch. 1 para. 1 substituted (31.12.2022 at 11.00 p.m.) by [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **18(a)(i)**
- F2** Word in Sch. 1 para. 1 substituted (31.12.2022 at 11.00 p.m.) by [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **18(a)(ii)**
- F3** Words in Sch. 1 para. 1 inserted (31.12.2022 at 11.00 p.m.) by [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **18(a)(iii)**

Changes to legislation: There are currently no known outstanding effects for the The Road Vehicles (Approval) Regulations 2020, SCHEDULE 1. (See end of Document for details)

Commencement Information

I1 Sch. 1 Pt. 1 para. 1 in force at 1.9.2020, see [reg. 1\(b\)](#)

Marginal Citations

M1 2010 c.15.

2. A reference in a table in this Schedule to any numbered item is, except where otherwise provided, a reference to the item so numbered in that table.

Commencement Information

I2 Sch. 1 Pt. 1 para. 2 in force at 1.9.2020, see [reg. 1\(b\)](#)

3. A reference in column 1 of a table in this Schedule to any Directive, Regulation (other than a UNECE Regulation) or Decision is a reference to the version of that Directive, Regulation or Decision [^{F4}as it has effect in EU law]—

- (a) as at the date of any specified last amendment, or
- (b) where it has been revoked and no last amendment is specified, immediately before that revocation.

Textual Amendments

F4 Words in [Sch. 1 para. 3](#) inserted (31.12.2022 at 11.00 p.m.) by [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), [regs. 1\(2\)](#), **18(b)**

Commencement Information

I3 Sch. 1 Pt. 1 para. 3 in force at 1.9.2020, see [reg. 1\(b\)](#)

4. A reference in column 2 or 3 of a table in this Schedule to any Directive, Regulation or Decision is a reference to the version of that Directive, Regulation or Decision mentioned in the corresponding entry in column 1 of the table concerned.

Commencement Information

I4 Sch. 1 Pt. 1 para. 4 in force at 1.9.2020, see [reg. 1\(b\)](#)

PART 2

Requirements for vehicles of category M₁

CHAPTER 1

Commencement Information

I5 Sch. 1 Pt. 2 Ch. 1 in force at 1.9.2020, see [reg. 1\(b\)](#)

| <i>Column 1 Requirement</i> | <i>Column 2 Definitions and supplementary provisions</i> | <i>Column 3 Exemptions and modifications</i> |
|--|--|--|
| 1 Noise | | |
| <p>The technical provisions of Annex I to Directive 70/157/EEC^{M2} as last amended by Directive 1999/101/EC^{M3}, or vehicles for which an approval or test report has been issued prior to modification of the exhaust system, a Stationary Noise Test is permitted.</p> | <p>“Stationary Noise Test” means:</p> <p>(a) in the case of a modified exhaust system, a stationary test as defined in paragraphs 5.2.3.4.2 and 5.2.3.4.3 of Annex I to Directive 70/157/EEC with a noise limit value measured on the dB(A) scale which must not exceed the equivalent stationary value recorded on the approval, certificate of conformity or test report for that vehicle by more than 2dB(A) at 0.5m, and</p> <p>(b) in the case of vehicles having a maximum permissible mass exceeding 2800kg fitted with a modified air brake system, a test report to paragraph 5.4 of Annex I to Directive 70/157/EC (except that this does not apply if proprietary air brake silencers are fitted).</p> | <p>1 Directive 70/157/EEC, Annex I, paragraphs 5.3.1.1, 5.3.1.2 and 5.3.1.3.</p> <p>2 Modification of the exhaust system length after last silencer not exceeding 2m is permissible without further test.</p> <p>3 The requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.</p> |
| 2 Light Duty Emissions | | |
| <p>1 The technical provisions of Regulation (EC) 715/2007 as last amended by Regulation (EC) 692/2008^{M4}, Annex I, Table 2.</p> <p>2 Complete or completed vehicles manufactured after 1st December 2018: the technical provisions of Annex XXI to Commission Regulation (EU) 2017/1151^{M5} (WLTP).</p> | <p>“OBD” means On-board Diagnostic Systems.</p> | <p>1 Vehicles are exempt from the requirements of OBD.</p> <p>2 This item does not apply to vehicles approved to item 41.</p> <p>3 Modification of the exhaust system is permitted without any further test provided the emission control devices including particulate filters (if any) are not affected.</p> <p>4 In the case of a completed vehicle, the requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.</p> |

Changes to legislation: There are currently no known outstanding effects for the The Road Vehicles (Approval) Regulations 2020, SCHEDULE 1. (See end of Document for details)

5 An approval issued to the most representative base vehicle remains valid irrespective of change in the reference mass or aerodynamic performance.

6 In the case of armoured vehicles exemption from any requirement of this item is permitted if it can be demonstrated to the satisfaction of the approval authority that it is impossible for the vehicle to comply due to its special purpose.

7 Vehicles exceeding 2840kg reference mass (but not exceeding 5000kg reference mass) can also be considered to be in scope of this requirement.

3AFuel Tanks

1 The technical provisions of Directive [70/221/EEC](#)
^{M6}

as last amended by Directive [2006/20/EC](#)
^{M7}

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2 For vehicles using gaseous fuels:
UNECE Regulation 67.01 for LPG,
UNECE Regulation 110 for CNG,
UNECE Regulation 115 for LPG or CNG retro-fit, or
the technical provisions of Regulation (EC) No [79/2009](#)^{M8}
or UNECE Regulation 134 for hydrogen.

3BRear Protective Devices

The technical provisions of Directive [70/221/EEC](#) as last amended by Directive [2006/20/EC](#).

4Rear Registration Plate Space

The technical provisions of Directive [70/222/EEC](#)^{M9},

In the case of fuel tanks other than tanks for gaseous fuels:

(a) tanks must comply with the requirements specified in column 1 except that the approval or test report need not be for the same vehicle type, and

(b) modifications to the pipework or relocation of a tank excluding modification of the tank, the cap/filler device or the venting device, may be accepted by the approval authority.

or:

Space must be provided for a registration plate meeting the requirements of the Road Vehicles (Display of Registration Marks) Regulations 2001 ^{M10}.

5 Steering Equipment

The essential technical provisions of Directive [70/311/EEC](#) ^{M11} as last amended by Directive [1999/7/EC](#) ^{M12}.

“**Manual or Power Assisted System**” means a system that will operate in the event of failure of any power supply or assistance.

1 In the case of a **Manual or Power Assisted System**, paragraph 5.2 of Annex I to Directive [70/311/EEC](#) does not apply if a driving assessment conducted by the approval authority reveals no undue steering effort, instability, or other adverse characteristics.

2 The requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.

3 Directive [70/311/EEC](#), Annex I, paragraphs 4.1.1.2 and 4.2.1.1.2. does not apply to a steering control system designed to meet the needs of a driver with a physical disability.

6 Door latches and Hinges

The essential technical provisions of Directive [70/387/EEC](#) ^{M13} as last amended by Directive [2001/31/EC](#) ^{M14}.

1 Does not apply to doors which do not give direct access to a seat designed for normal use while a vehicle is travelling on a road. This includes any door, for which the longitudinal plane passing through the extreme inboard projecting point of such a door is more than 300mm distant from the longitudinal plane passing through the nearest edge of such a seat. For the purpose of this provision the seating position of a wheelchair is considered to be a seat.

2 This item does not apply to doors meeting the technical requirements specified in paragraphs 7.6.4 to 7.6.6 or in

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paragraph 7.6.7 of Annex I to Directive 2001/85/EC
M15

7 Audible Warning

The technical provisions of “**Sound Level Check**” means a 1 Inspection to confirm the presence and operation of a device including a **Sound Level Check**.
paragraph 2 of Annex I to vehicle test as described in the technical provisions given in column 1 except that a voltage test is not required.
Directive 70/388/EEC
M16
as last amended by Directive 87/354/EC
M17

2 In the case of armoured vehicles exemption from any requirement of this item is permitted if it can be demonstrated to the satisfaction of the approval authority that it is impossible for the vehicle to comply due to its special purpose.

3 In the case of armoured vehicles additional panic alarm devices are permitted. For the technical provisions see item 13.

8 Indirect Vision

The technical provisions of Directive 2003/97/EC
M18

1 Field of view requirements do not apply to optional mirrors.

2 The requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.

3 In the case of a passenger car where the longitudinal plane of the exterior bodywork on either side of the vehicle adjacent to the driver's position on which an exterior rear view mirror may be mounted is more than 150mm inwards from a longitudinal plane passing through the outer edge of the rear tyre(s) on that side of the vehicle the following may apply: Directive 2003/97/EC, Annex III, paragraphs 5.3.1 and 5.3.2, in the second paragraph in each case, for “1m” substitute “ 2.125m ” and for “4m” substitute “ 10m ”.

4 Vehicles built before 26 January 2010: the mirrors may as an alternative be installed in accordance with Directive [71/127/EEC](#)

M19

as amended by Directive [88/321/EEC](#)

M20

9Braking

The technical provisions of paragraph 2 of Annex I to Directive [71/320/EEC](#)

M21

as last amended by Directive [98/12/EC](#)

M22

and tests as defined in associated Annexes as may be applicable.

1 The requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.

2 The requirements in column 1 for the driver to be able to operate the service braking system while keeping both hands on the steering control, and the secondary braking system while keeping at least one hand on the steering control, do not apply to a vehicle, so long as the vehicle is adapted for a disabled driver to enable him to control the steering at all times while operating either braking system.

10Electro-magnetic Compatibility

The essential technical provisions of Directive [72/245/EEC](#)

M23

as last amended by Directive [2006/28/EC](#)

M24

, section 6 of Annex I taking into consideration the exemptions in section 8 and tests specified in Annexes IV to X.

In the case of a vehicle adapted as a wheelchair accessible vehicle or a disabled person's vehicle, wiring may be repositioned and/or additional wiring fitted without further test.

12Interior Fittings

The essential technical provisions of Directive [74/60/EEC](#)

M25

1 The following do not apply:
(a) Directive [74/60/EEC](#), Annex I, Paragraphs 5.1.2, 5.2.4, 5.3.4.1, 5.4.2.2, 5.7.1.2

Changes to legislation: There are currently no known outstanding effects for the The Road Vehicles (Approval) Regulations 2020, SCHEDULE 1. (See end of Document for details)

as last amended by Directive
[2000/4/EC](#)
M26

and the second sentence of 5.2.3.1, and
(b) the requirements as they apply to hood or tonneau cover press studs fitted to a convertible vehicle so long as they are blunted.

2 The requirements in column 1 are limited to the area forward of rearmost seat designated for use while travelling and limited to head impact zone.

3 For the purpose of this requirement a wheelchair is considered to be a seating position.

4 In the case of a motor caravan, ambulance, or hearse with a maximum mass equal to or exceeding 2500kg the requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.

5 In the case of armoured vehicles exemption from any requirement of this item is permitted if it can be demonstrated to the satisfaction of the approval authority that it is impossible for the vehicle to comply due to its special purpose.

13Anti-Theft and Immobiliser

1 The technical provisions of Directive [74/61/EEC](#)
M27
as last amended by Directive [95/56/EC](#)
M28

Immobilisers must be approved as part of the base vehicle or as a separate technical unit.

1 Directive [74/61/EEC](#), Annex IV, paragraphs 3.9, 4.1.3, 4.1.4, 4.2.4, 4.2.6, and 4.3.5 do not apply.

2 In the case of an armoured vehicle fitted with an optional panic alarm not forming part of an alarm system under paragraph 1 must comply with the following—
(a) the alarm signal must be audible and in addition may

Alarms must be approved as part of the base vehicle or as a separate technical unit.

An “**Installation Check**” means an inspection of installed components as the approval authority deem necessary and

2 The requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.

3 In the case of devices to prevent unauthorised use the manufacturer may as an alternative to an approval or

include optical alarm devices, or be a radio alarm, or any combination of the above;
(b) the technical requirements of Directive [74/61/EEC](#) as last amended by Directive [95/56/EC](#), Annex VI, Part II, paragraphs 8.2 to 8.8, 9.1.2 to 9.2.1, 9.2.3 to 9.4, 9.6, 9.9 to 9.10, and 9.11.2 to 11 inclusive;
(c) unsetting the panic alarm must immediately cut the alarm signal.

14 Protective Steering

The essential technical provisions of Directive [74/297/EEC](#)
M29

as last amended by Directive [91/662/EEC](#)
M30

15 Seat Strength

The essential technical provisions of Directive [74/408/EEC](#)
M32

as last amended by Directive [2005/39/EC](#)
M33

in the case of an immobiliser or alarm system a completed installation certificate.

test report issue a declaration of the device(s) fitted and that they comply with column 1, and in such case an **Installation Check** will be conducted.

4 In the case of an immobiliser or alarm system an **Installation Check** will be conducted.

1 The requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.

2 This item does not apply to:
(a) an armoured vehicle; or
(b) a vehicle which complies with the technical requirements of Directive [96/79/EC](#)^{M31}.

3 The requirements of this item do not apply to a disabled person's vehicle insofar as the adaptation prevents the vehicle from complying with any of the requirements of this item except that this does not apply where such adaptations can easily be removed, if necessary with the use of tools, and in which case evidence of compliance before the vehicle was adapted is required.

1 In the case of a motor caravan, ambulance, or hearse the requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.

2 In the case of a motor caravan, ambulance, or hearse the requirements in column 1 do not apply to seats intended for use solely while the vehicle is stationary and any such seats

Changes to legislation: There are currently no known outstanding effects for the *The Road Vehicles (Approval) Regulations 2020, SCHEDULE 1. (See end of Document for details)*

must be clearly identified to users by means of a pictogram or a sign with appropriate text.

3 In the case of a wheelchair accessible vehicle:

(a) a wheelchair location is to be considered a seating position but the requirements in column 1, paragraph 1, do not apply to the wheelchair, and

(b) for each wheelchair, sufficient space must be provided. The longitudinal plane of the special area must be parallel to the longitudinal plane of the vehicle.

4 The provisions of paragraph 2 of Article 1 to Directive [2005/39/EC](#) do not apply.

5 The tests specified in Appendix 1 and Appendix 2 of Annex II to Directive [74/408/EEC](#) do not apply to a seat if designed to provide a comparable level of safety.

16 Exterior Projections

The essential technical provisions of Directive [74/483/EEC](#)

M34

as last amended by Directive [79/488/EEC](#)

M35

1 The requirements according to the category of the base or incomplete vehicle based on maximum mass may apply to the cab.

2 Those parts of a motor caravan, ambulance, or hearse, other than the driver's cabin are exempt from any requirement of this item if it can be demonstrated to the satisfaction of the approval authority that it is impossible for the vehicle to comply due to its special purpose.

3 In the case of armoured vehicles exemption from any requirement of this item is permitted if it can be demonstrated to the satisfaction of the approval authority that it is impossible for the vehicle

to comply due to its special purpose.

4 Hood or tonneau cover press studs fitted to a convertible vehicle so long as they are blunted.

17Speedometer and Reverse Gear

The technical provisions of Directive [75/443/EEC](#)
M36

as last amended by Directive [97/39/EC](#)
M37

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18Plates (statutory)

1 The technical provisions of Directive [76/114/EEC](#)
M38

as last amended by Directive [78/507/EEC](#)
M39

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2 Where the vehicle is the subject of a multi stage build a plate is required on completion of each stage as appropriate.

19Seat Belt Anchorages

The technical provisions of Directive [76/115/EEC](#)^{M40} as last amended by Directive [2005/41/EC](#)^{M41},

and in the case of a wheelchair accessible vehicle the requirements in Sections 1 or 2 of Chapter 2 to this Part.

1 In the case of a motor caravan, ambulance, or hearse, with a maximum mass equal to or exceeding 2500kg the requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.

2 In the case of a motor caravan, ambulance, or hearse, the requirements in column 1 do not apply to seats intended for use solely while the vehicle is stationary and any such seats must be clearly identified to users by means of a pictogram or a sign with appropriate text.

3 In the case of a motor caravan, ambulance, or hearse, at least anchorages for lap belts are

Changes to legislation: There are currently no known outstanding effects for the The Road Vehicles (Approval) Regulations 2020, SCHEDULE 1. (See end of Document for details)

required for all rear seating positions.

4 In the case of armoured vehicles exemption from any requirement of this item is permitted if it can be demonstrated to the satisfaction of the approval authority that it is impossible for the vehicle to comply due to its special purpose.

5 Where a seat belt anchorage has been approved in accordance with the requirements in column 1 and the structure of the vehicle is subsequently modified, no new tests are required provided the structure on which the anchorage is mounted is unlikely to be affected.

20 Installation of Lighting and Light Signalling Devices

The technical provisions of UNECE Regulation 48.03, and dipped beam headlamps must be suitable for left hand rule of the road traffic.

1 Exemption from one or more of the technical requirements is permitted for a special purpose vehicle where the special purpose makes it impossible to fully comply provided that all mandatory devices are installed and geometric visibility is unaffected.

2 For vehicles with a maximum mass equal to or exceeding 2500kg the requirements according to the category of the base or incomplete vehicle based on maximum mass may apply to the cab.

3 In the case of armoured vehicles exemption from any requirement of this item is permitted if it can be demonstrated to the satisfaction of the approval authority that it is impossible for the vehicle to comply due to its special purpose and provided that all mandatory lighting devices are

installed and that the geometric visibility is not affected.

21Retro Reflectors

The technical provisions of UNECE Regulation 3 or UNECE Regulation 150.

22End-outline, Front-Position (side), Rear-Position (side), Stop, Side Marker, Daytime Running Lamps

The technical provisions of UNECE Regulation 7 or UNECE Regulation 148.

23Direction Indicators

The technical provisions of UNECE Regulation 6 or UNECE Regulation 148.

24Rear registration Plate Lamps

The technical provisions of UNECE Regulation 4 or UNECE Regulation 148.

25Headlamps (including bulbs)

The technical provisions of UNECE Regulation 8, UNECE Regulation 20, UNECE Regulation 31, UNECE Regulation 98, UNECE Regulation 112, UNECE Regulation 123 or UNECE Regulation 149.

25ACornering Lamps (where fitted)

The technical provisions of UNECE Regulation 119 or UNECE Regulation 149.

26Front Fog Lamps (where fitted)

The technical provisions of UNECE Regulation 19 or UNECE Regulation 149.

28Rear Fog Lamps

The technical provisions of UNECE Regulation 38 or UNECE Regulation 148.

29Reversing Lamps

The technical provisions of UNECE Regulation 23 or UNECE Regulation 148.

30 Parking Lamps (where fitted)

The technical provisions of UNECE Regulation 7 or UNECE Regulation 148.

31 Seat Belts

The technical provisions of Directive [77/541/EEC](#)

M42

as last amended by Directive [2005/40/EC](#)

M43

1 In the case of a motor caravan, ambulance, or hearse, with a maximum mass equal to or exceeding 2500kg the requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.

2 In the case of a motor caravan, ambulance, hearse, or other special purpose vehicle the requirements in column 1 do not apply to seats intended for use solely while the vehicle is stationary and any such seats must be clearly identified to users by means of a pictogram or a sign with appropriate text.

3 In the case of a motor caravan, ambulance, or hearse, at least lap belts are required for all rear seating positions.

4 In the case of armoured vehicles exemption from any requirement of this item is permitted if it can be demonstrated to the satisfaction of the approval authority that it is impossible for the vehicle to comply due to its special purpose.

5 Seat belts which have been specially designed or adapted for use by an adult or young person suffering from some physical or mental impairment and intended for use solely by such person are exempt.

(Note: Seat belt anchorages for such belts must satisfy the requirements of item 19.)

6 In the case of a wheelchair accessible vehicle 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 must 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 will be performed. Extension to the approval does not need to be issued. This does not apply to a seat that is a wheelchair.

7 A seat belt bearing an approval mark in accordance with column 1 may be fitted, whether or not the seat belt has been type approved for the anchorages to which it is fitted, provided that the seat belt complies with the installation requirements of column 1.

32 Forward Vision

Directive 77/649/EEC^{M44} as last amended by Directive 90/630/EEC^{M45},

or

the driver must have a clear and unobscured view of the road ahead and to the side (180° forward).

33 Identification of Controls, Tell-tales and Indicators

The technical provisions of Directive 78/316/EEC^{M46}

as last amended by Directive 94/53/EC^{M47}

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34 Defrost/Demist

Directive 78/317/EEC^{M48}, or vehicles must be fitted with **adequate** defrosting and demisting devices.

“**Adequate**” means sufficiently effective to ensure adequate visibility through windscreen under all conditions.

In the case of armoured vehicles exemption from any requirement of this item is permitted if it can be demonstrated to the satisfaction of the approval authority that it is impossible for the vehicle

Changes to legislation: There are currently no known outstanding effects for the The Road Vehicles (Approval) Regulations 2020, SCHEDULE 1. (See end of Document for details)

to comply due to its special purpose.

35Wash/Wipe

Directive [78/318/EEC](#)^{M49} as last amended by Directive [94/68/EC](#)^{M50}, or vehicles must be fitted with **adequate** washing and wiping devices.

“**Adequate**” means sufficiently effective to ensure adequate visibility through the windscreen under all conditions.

In the case of armoured vehicles exemption from any requirement of this item is permitted if it can be demonstrated to the satisfaction of the approval authority that it is impossible for the vehicle to comply due to its special purpose.

36Heating Systems (where fitted)

The essential technical provisions of Directive [2001/56/EC](#)^{M51}

as last amended by Directive [2006/119/EC](#)^{M52}

, paragraph 3 of Annex II, and Annexes III, VII and VIII.

37Wheel guards

The technical provisions of Directive [78/549/EEC](#)^{M53}

as last amended by Directive [94/78/EC](#)^{M54}

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1 Paragraph 3 of Annex I to Directive [78/549/EEC](#) does not apply.

2 For vehicles with a maximum mass equal to or exceeding 2500kg the requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.

38Head restraints

The technical provisions of Directive [78/932/EEC](#)^{M55}

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1 In the case of a motor caravan, ambulance, or hearse with a maximum mass equal to or exceeding 2500kg the requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.

2 In the case of a motor caravan, ambulance, or hearse—

(a) the requirements in column 1 do not apply to seats intended for use solely while the vehicle is stationary, and

(b) any seats which are not for use when travelling on a road must be clearly identified to users by means of a pictogram or a sign with appropriate text.

3 Does not apply to head restraints which comply with the requirements of item 15.

4 Does not apply to a seat which is a wheelchair.

41 Heavy Duty Emissions

1 Directive [2005/55/EC](#)
M56

as last amended by Directive [2006/51/EC](#)
M57

, Annex I, and Row B2 limit values.

2 Complete or completed vehicles manufactured on or after 1st September 2018: Regulation (EC) No 595/2009 Annex I limit values.

1 Does not apply to vehicles approved under item 2.

2 Modification of exhaust system length after the last silencer is permissible without any further test.

3 In the case of completed vehicles the requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.

4 In the case of armoured vehicles exemption from any requirement of this item is permitted if it can be demonstrated to the satisfaction of the approval authority that it is impossible for the vehicle to comply due to its special purpose.

44 Masses and Dimensions (cars)

The essential technical provisions of Directive [92/21/EEC](#)
M58

as amended by Directive [95/48/EC](#)
M59

1 In the case of motor caravans, for paragraph 3.1.1.2 of Annex II to Directive 92/21, for “2500mm” substitute “2600mm”.

2 Paragraphs 3.1.1.3 and 3.3.3 of Annex II to Directive [92/21/EEC](#) do not apply.

Changes to legislation: There are currently no known outstanding effects for the The Road Vehicles (Approval) Regulations 2020, SCHEDULE 1. (See end of Document for details)

3 In the case of wheelchair accessible vehicles, for the purpose of calculations, the mass of the wheelchair including the user is assumed to be 100kg. The mass shall be concentrated at the H point of the three dimensional machine.

45 Safety glass

The technical provisions of Directive [92/22/EEC](#)
M60

as last amended by Directive [2001/92/EC](#)
M61

1 Does not apply to armoured vehicles.

2 Exclusions defined in paragraph 1 of Annex II to Directive [92/22/EEC](#) as amended.

3 In the case of a wheelchair accessible vehicle, motor caravan, ambulance, or hearse, all window glazing, other than driver's cab glazing, the material may be safety glass or rigid plastic glazing.

4 For vehicles with a maximum mass equal to or exceeding 2500kg the requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.

5 Directive [92/22/EEC](#), Annex III, paragraph 2.1.1 and 2.1.2 do not apply provided that driver's forward vision is not distorted and that light transmission of at least 70% is maintained.

46 Tyres

Directive [92/23/EEC](#)^{M62} as last amended by Directive [2005/11/EC](#)^{M63},
and
UNECE Regulation 64.01 for temporary spare use spare tyre (if fitted).

1 For vehicles with a maximum mass equal to or exceeding 2500kg the requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.

2 In the case of armoured vehicles exemption from any requirement of this item is permitted if it can be demonstrated to the satisfaction

of the approval authority that it is impossible for the vehicle to comply due to its special purpose.

50 Couplings (where fitted)

The technical provisions of Annex VII to Directive [94/20/EC](#)
M64

In the case of a wheelchair accessible vehicle, irrespective of mass, or a motor caravan, ambulance or hearse with a maximum mass equal to or exceeding 2500kg the requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.

60 Frontal Protection Systems (“Bull-bars”) (where fitted)

The technical provisions of paragraphs 2 and 3 of Annex I to Directive [2005/66/EC](#)
M65

and Commission Decision [2006/368/EC](#)
M66

69 Electrical Safety

Vehicle:

The technical provisions of UNECE Regulation 100.01.

Marginal Citations

- M2** OJ No. L 42, 23.2.1970, p. 16.
- M3** OJ No. L 334, 28.12.1999, p. 41.
- M4** OJ No. L 199, 28.7.2008, p. 1.
- M5** OJ No. L 175, 7.7.2017, p. 1.
- M6** OJ No. L 76, 6.4.1970, p. 23 (English special edition: Series I Volume 1970(I) P. 192).
- M7** OJ No. L 48, 18.2.2006, p. 16.
- M8** OJ No. L 35, 4.2.2009, p. 32.
- M9** OJ No. L 76, 6.4.1970, p. 25 (English special edition: Series I Volume 1970(I) P. 194).
- M10** [S.I. 2001/561](#), as amended by [S.I. 2001/1079](#), 2002/2687, 2009/811 and 2018/1295.
- M11** OJ No. L 133, 18.6.1970, p. 10 (English special edition: Series I Volume 1970(II) P. 375).
- M12** OJ No. L 40, 13.2.1999, p. 36.
- M13** OJ No. L 176, 10.8.1970, p. 5 (English special edition: Series I Volume 1970(II) P. 564).
- M14** OJ No. L 130, 12.5.2001, p. 33.
- M15** OJ No. L 42, 13.2.2002, p. 1.
- M16** OJ No. L 176, 10.8.1970, p. 12 (English special edition: Series I Volume 1970(II) P. 571).
- M17** OJ No. L 192, 11.7.1987, p. 43.
- M18** OJ No. L 25, 29.1.2004, p. 1.
- M19** OJ No. L 68, 22.3.1971, p. 1 (English special edition: Series I Volume 1971(I) P. 136).

Changes to legislation: There are currently no known outstanding effects for the *The Road Vehicles (Approval) Regulations 2020, SCHEDULE 1.* (See end of Document for details)

- M20** OJ No. L 147, 14.6.1988, p. 77.
- M21** OJ No. L 202, 6.9.1971, p. 37 (English special edition: Series I Volume 1971(III) P. 746).
- M22** OJ No. L 81, 18.3.1998, p. 1.
- M23** OJ No. L 152, 6.7.1972, p. 15 (English special edition: Series I Volume 1972(II) P. 637).
- M24** OJ No. L 65, 7.3.2006, p. 27.
- M25** OJ No. L 38, 11.2.1974, p. 2.
- M26** OJ No. L 87, 8.4.2000, p. 22.
- M27** OJ No. L 38, 11.2.1974, p. 22.
- M28** OJ No. L 286, 29.11.1995, p. 1.
- M29** OJ No. L 165, 20.6.1974, p. 16.
- M30** OJ No. L 366, 31.12.1991, p. 1.
- M31** OJ No. L 18, 21.1.1997, p. 7.
- M32** OJ No. L 221, 12.8.1974, p. 1.
- M33** OJ No. L 255, 30.9.2005, p. 143.
- M34** OJ No. L 266, 2.10.1974, p. 4.
- M35** OJ No. L 128, 26.5.1979, p. 1.
- M36** OJ No. L 196, 26.7.1975, p. 1.
- M37** OJ No. L 177, 5.7.1997, p. 15.
- M38** OJ No. L 24, 30.1.1976, p. 1.
- M39** OJ No. L 155, 13.6.1978, p. 31.
- M40** OJ No. L 24, 30.1.1976, p. 6.
- M41** OJ No. L 255, 30.9.2005, p. 149.
- M42** OJ No. L 220, 29.8.1977, p. 95.
- M43** OJ No. L 255, 30.9.2005, p. 146.
- M44** OJ No. L 267, 19.10.1977, p. 1.
- M45** OJ No. L 341, 6.12.1990, p. 20.
- M46** OJ No. L 81, 28.3.1978, p. 3.
- M47** OJ No. L 299, 22.11.1994, p. 26.
- M48** OJ No. L 81, 28.3.1978, p. 27.
- M49** OJ No. L 81, 28.3.1978, p. 49.
- M50** OJ No. L 354, 31.12.1994, p. 1.
- M51** OJ No. L 292, 9.11.2001, p. 21.
- M52** OJ No. L 330, 28.11.2006, p. 12.
- M53** OJ No. L 168, 26.6.1978, p. 45.
- M54** OJ No. L 354, 31.12.1994, p. 10.
- M55** OJ No. L 325, 20.11.1978, p. 1.
- M56** OJ No. L 275, 20.10.2005, p. 1.
- M57** OJ No. L 152, 7.6.2006, p. 11.
- M58** OJ No. L 129, 14.5.1992, p. 1.
- M59** OJ No. L 233, 30.9.1995, p. 73.
- M60** OJ No. L 129, 14.5.1992, p. 11.
- M61** OJ No. L 291, 8.11.2001, p. 24.
- M62** OJ No. L 129, 14.5.1992, p. 95.
- M63** OJ No. L 46, 17.2.2005, p. 42.
- M64** OJ No. L 195, 29.7.1994, p. 1.
- M65** OJ No. L 309, 25.11.2005, p. 37.
- M66** OJ No. L 140, 29.5.2006, p. 33.

CHAPTER 2

Commencement Information

I6 Sch. 1 Pt. 2 Ch. 2 in force at 1.9.2020, see reg. 1(b)

SECTION 1

Wheelchair spaces

1. A wheelchair space must be fitted with—
 - (a) a wheelchair and wheelchair user restraint system complying with item 19A of the Type Approval Regulation, Annex II, Part III, Appendix 3, or
 - (b) a restraint system comprising—
 - (i) a four point wheelchair tie-down system suitable for general wheelchair application, and
 - (ii) a wheelchair user restraint system comprising a minimum of three anchorage points to provide a pelvic and upper torso restraint system.

Wheelchair tie-down devices

2. A wheelchair tie-down device must comply with ISO 10542 and be marked accordingly.

Location and geometry of anchorages

3. The geometry of the wheelchair tie-down and occupant restraint system anchorages and webbing must comply with ISO 10542. A surrogate wheelchair as defined in ISO 10542 or equivalent must be used for this purpose.

Testing of restraint system anchorages

- 4.—(1) A static test must be conducted on the anchorage points for both the wheelchair tie-downs and occupant restraints in accordance with the following requirements—
 - (a) The tests must be conducted on a vehicle or a representative section of a vehicle structure including any vehicle fittings that are likely to contribute to the strength or rigidity of the structure;
 - (b) The forces specified in paragraph 5 below must be applied by means of a surrogate wheelchair of adequate strength as defined in ISO 10542, or equivalent, with attachment points for the front and rear tie-downs and reproducing the geometry of the wheelchair tie-down system;
 - (c) The forces specified in paragraph 6 below must be applied by means of a traction device specified in paragraph 5.3.4 of Annex I to Directive [76/115/EEC](#) as last amended by Directive [96/38/EC](#)^{M67} and supported on the surrogate wheelchair defined in (b) above;
 - (d) The forces in sub-paragraphs (b) and (c) above must be applied simultaneously in the forward direction at an angle of $10^\circ \pm 5^\circ$ above the horizontal plane. The force in (b) must be applied at a height of not less than 200 mm and not more than 300 mm measured vertically above the floor of the wheelchair space;

- (e) The force in paragraph 5(b) must be applied in the rearward direction at an angle of $10^\circ \pm 5^\circ$ above the horizontal plane at a height of not less than 200 mm and not more than 300 mm measured vertically above the floor of the wheelchair space;
 - (f) All forces must be applied as rapidly as possible through the central vertical axis of the wheelchair and wheelchair space;
 - (g) All forces must be maintained for a period of not less than 0.2 seconds.
- (2) For test purposes the components comprising the wheelchair tie-down and occupant restraint devices may be replaced with components suitable for test purposes having a similar function.

Marginal Citations

M67 OJ No. L 187, 26.7.1996, p. 95.

Forces applied to a wheelchair tie-down system

5. The force applied to the surrogate wheelchair:
- (a) in the forward direction to be 24.50 kN;
 - (b) in the rearward direction to be 12.25 kN.

Forces applied to an occupant restraint system

6. The forces must be those specified in paragraph 5.4 of Annex I to Directive [76/115/EEC](#) as last amended by Directive [96/38/EC](#).

Anchorage system performance

7. The anchorages will meet the test performance requirements if—
- (a) no part of the system has failed, or become detached during the test;
 - (b) no part of the anchorage system has deformed to such an extent that sharp edges or protrusion may cause injury.

SECTION 2

Instead of complying with Section 1 an alternative wheelchair tie-down system, docking system or occupant restraint system may be fitted. This may include a rearward facing wheelchair arrangement with appropriate safety features. Evidence must be provided to the approval authority that the system offers an equivalent level of occupant protection for the wheelchair user.

PART 3

Requirements for vehicles of category N₁

Commencement Information

I7 Sch. 1 Pt. 3 in force at 1.9.2020, see reg. 1(b)

| <i>Column 1 Requirement</i> | <i>Column 2 Definitions and supplementary provisions</i> | <i>Column 3 Exemptions and modifications</i> |
|--|---|--|
| 1 Noise | | |
| The technical provisions of Annex I to Directive 70/157/EEC as last amended by Directive 1999/101/EC. | A “ Stationary Noise Test ” means, in the case of a modified exhaust system, a stationary test as defined in paragraphs 5.2.3.4.2 and 5.2.3.4.3 of Annex I to Directive 70/157/EEC with a noise limit value measured on the dB(A) scale which must not exceed the equivalent stationary value recorded on the approval, certificate of conformity or test report for that vehicle by more than 2dB(A) at 0.5m. | <p>1 Directive 70/157/EEC, Annex I, paragraphs 5.3.1.1, 5.3.1.2 and 5.3.1.3 do not apply.</p> <p>2 If an approval or test report is issued for a vehicle in accordance with column 1 and the exhaust system is subsequently modified after the last silencer by not more than 2m in length, no further test is required. In the case of any other modification relating to the requirements of column 1 and affecting the only the exhaust system, a Stationary Noise Test must be conducted.</p> <p>3 In the case of armoured vehicles exemption from one or more of the provisions in column 1 is permissible where it can be demonstrated to the satisfaction of the approval authority that the special purpose of the vehicle makes it impossible to fully comply.</p> |
| 2 Light Duty Emissions | | |
| 1 The technical provisions of Regulation (EC) 715/2007 as last amended by Regulation (EC) 692/2008, Annex I, Table 2. | “ OBD ” means On-Board Diagnostic Systems. | 1 The requirements of OBD do not apply. |
| 2 Complete or completed vehicles manufactured after 1st December 2019: the technical provisions of Annex XXI in Commission Regulation (EU) 2017/1151 (WLTP). | | 2 Does not apply to vehicles approved to item 41. |
| | | 3 Modification of exhaust system length after the last silencer is permissible without any further test. |
| | | 4 In the case of a completed vehicle, an approval issued to the most representative base vehicle remains valid irrespective of change in reference weight or aerodynamic performance. |

Changes to legislation: There are currently no known outstanding effects for the The Road Vehicles (Approval) Regulations 2020, SCHEDULE 1. (See end of Document for details)

5 In the case of armoured vehicles exemption from one or more of the provisions in column 1 is permissible where it can be demonstrated to the satisfaction of the approval authority that the special purpose of the vehicle makes it impossible to fully comply.

3AFuel Tanks

1 The technical provisions of Directive [70/221/EEC](#) as last amended by Directive [2006/20/EC](#).

2 For vehicles using gaseous fuels:
UNECE Regulation 67.01 for LPG,
UNECE Regulation 110 for CNG,
UNECE Regulation 115 for LPG or CNG retro-fit, or
the technical provisions of Regulation (EC) No [79/2009](#) or UNECE Regulation 134 for hydrogen.

3BRear Protective Devices

The technical provisions of paragraph 5 of Annex II to Directive [70/221/EEC](#) as last amended by Directive [2006/20/EC](#).

4Rear Registration Plate Space

The technical provisions of Directive [70/222/EEC](#),
or
space must be provided for a registration plate meeting the requirements of the Road Vehicles (Display of Registration Marks) Regulations 2001.

5Steering Effort

The technical provisions of paragraphs 4 and 5 of Annex I to Directive [70/311/EEC](#) as last

The requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.

amended by Directive [1999/7/EC](#).

6Door latches and Hinges

The technical provisions of paragraph 3 of Annex I to Directive [70/387/EEC](#) as last amended by Directive [2001/31/EC](#).

7Audible Warning

Component:
Directive [70/388/EEC](#) as last amended by Directive [87/354/EC](#).

Vehicle:
The technical provisions of paragraph 2 of Annex I to Directive [70/388/EEC](#) as last amended by Directive [87/354/EC](#).

In the case of an armoured vehicle exemption from one or more of the provisions in column 1 is permissible where it can be demonstrated to the satisfaction of the approval authority that the special purpose of the vehicle makes it impossible to fully comply.

8Indirect Vision

Component:
Directive [2003/97/EC](#)

Vehicle:
The technical provisions of Directive [2003/97/EC](#), Annex III.

1 Field of view requirements do not apply to optional mirrors.

2 In the case of an armoured vehicle, exemption from one or more of the provisions in column 1 is permitted where it can be demonstrated to the satisfaction of the approval authority that the special purpose of the vehicle makes it impossible to fully comply.

9Braking

The technical provisions of paragraph 2 of Annex I to Directive [71/320/EEC](#) as last amended by Directive [98/12/EC](#) and tests as defined in associated Annexes as may be applicable.

The requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.

10Electro-magnetic Compatibility

Component:
Directive [72/245/EEC](#) as last amended by Directive [2006/28/EC](#).

Vehicle:

The technical provisions of Directive [72/245/EEC](#) as last amended by Directive [2006/28/EC](#), section 6 of Annex I taking into consideration the exemptions in section 8 and tests specified in Annexes IV to X.

13Anti-Theft and, if fitted, Alarm system and Immobiliser

1 The technical provisions of: Immobilisers, if fitted, must be approved as part of the base vehicle or as a separate technical unit. Directive [74/61/EEC](#) as last amended by Directive [95/56/EC](#).

2 Optional panic alarm not forming part of an alarm system under paragraph 1 must comply with the following— Alarms, except those mentioned in column 1 paragraph 2, must be approved as part of the base vehicle or as

(a) the alarm signal must be a separate technical unit.

audible and in addition may include optical alarm devices, or be a radio alarm, or any combination of the above;

(b) the technical requirements of Directive [74/61/EEC](#) as last amended by Directive [95/56/EC](#), Annex VI, Part II, paragraphs 8.2 to 8.8, 9.1.2 to 9.2.1, 9.2.3 to 9.4, 9.6, 9.9 to 9.10, and 9.11.2 to 11 inclusive;

(c) unsetting the panic alarm must immediately cut the alarm signal.

14Protective Steering

The technical provisions of: Directive [74/297/EEC](#) as last amended by Directive [91/662/EEC](#), Annex I, paragraph 5.

This item does not apply to—

(a) vehicles with a maximum permissible mass exceeding 1500kg;

(b) armoured vehicles.

15Seat Strength

The technical provisions of: Directive [74/408/EEC](#) as last amended by Directive [2005/39/EC](#).

1 In the case of a special purpose vehicle the requirements in column 1 do not apply to seats intended for use solely while the vehicle is stationary and any such seats must be clearly identified to users by means of a pictogram or a sign with appropriate text.

2 The provisions of paragraph 2 of Article 1 to Directive [2005/39/EC](#) do not apply.

17Speedometer and Reverse Gear

The technical provisions of Directive [75/443/EEC](#) as last amended by Directive [97/39/EC](#), Annex I and Annex II, paragraphs 4.1 and 4.2,
Or—

(a) for all true speeds up to the design speed of the vehicle, the true speed must not exceed the indicated speed;

(b) for all true speeds of between 25 mph and 70 mph (or the maximum speed if lower), the difference between the indicated speed and the true speed must not exceed $(V/10 + 6.25)$ mph where V = the true speed.

18Plates (statutory)

The technical provisions of: Directive [76/114/EEC](#) as last amended by Directive [78/507/EEC](#),
and

where the vehicle is the subject of a multi stage build a plate is required on completion of each stage as appropriate.

19Seat Belt Anchorages

The technical provisions of: Directive [76/115/EEC](#) as last amended by Directive [2005/41/EC](#).

1 In the case of a special purpose vehicle—

(a) the requirements in column 1 do not apply to seats intended for use solely while the vehicle is stationary, and

(b) any seats which are not for use when travelling on a road must be clearly identified to users by means of a pictogram or a sign with appropriate text.

2 In the case of an armoured vehicle, exemption from one or more of the provisions in column 1 is permitted where it can be demonstrated

Changes to legislation: There are currently no known outstanding effects for the The Road Vehicles (Approval) Regulations 2020, SCHEDULE 1. (See end of Document for details)

to the satisfaction of the approval authority that the special purpose of the vehicle makes it impossible to fully comply.

20 Installation of Lighting and Light Signalling Devices

The technical provisions of UNECE Regulation 48.03, and dipped beam headlamps must be designed for left hand rule of the road traffic.

In the case of an armoured vehicle or special purpose vehicle, exemption from one or more of the provisions in column 1 is permitted where it can be demonstrated to the satisfaction of the approval authority that the special purpose of the vehicle makes it impossible to fully comply provided that all mandatory lighting devices are fitted and that the geometric visibility is not affected.

21 Retro Reflectors

UNECE Regulation 3 or UNECE Regulation 150.

22 End-outline, Front-Position (side), Rear-Position (side), Stop, Side Marker, Daytime Running Lamps

UNECE Regulation 7 or UNECE Regulation 148.

23 Direction Indicators

UNECE Regulation 6 or UNECE Regulation 148.

24 Rear registration Plate Lamps

UNECE Regulation 4 or UNECE Regulation 148.

25 Headlamps (including bulbs)

UNECE Regulation 8, UNECE Regulation 20, UNECE Regulation 31, UNECE Regulation 98, UNECE Regulation 112, UNECE Regulation 123 or UNECE Regulation 149.

25A Cornering Lamps (where fitted)

UNECE Regulation 119 or UNECE Regulation 149.

26 Front Fog Lamps (where fitted)

UNECE Regulation 19 or
UNECE Regulation 149.

27 Towing Hooks

The technical provisions of:
Annex II to Directive [77/389/EEC](#)

M68

as last amended by Directive
[96/64/EC](#)

M69

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In the case of an armoured vehicle or special purpose vehicle, exemption from one or more of the provisions in column 1 is permitted where it can be demonstrated to the satisfaction of the approval authority that the special purpose of the vehicle makes it impossible to fully comply.

28 Rear fog Lamps

UNECE Regulation 38 or
UNECE Regulation 148.

29 Reversing Lamps

UNECE Regulation 23 or
UNECE Regulation 148.

30 Parking Lamps (where fitted)

UNECE Regulation 7 or
UNECE Regulation 148.

31 Seat Belts

The technical provisions of
Directive [77/541/EEC](#) as last
amended by Directive [2005/40/EC](#).

1 In the case of a special purpose vehicle—

(a) the requirements in column 1 do not apply to seats intended for use solely while the vehicle is stationary, and

(b) any seats which are not for use when travelling on a road must be clearly identified to users by means of a pictogram or a sign with appropriate text.

2 In the case of an armoured vehicle, exemption from one or more of the provisions in column 1 is permitted where it can be demonstrated to the satisfaction of the approval authority that the special purpose of the vehicle makes it impossible to fully comply.

3 Seat belts which have been specially designed or adapted

Changes to legislation: There are currently no known outstanding effects for the The Road Vehicles (Approval) Regulations 2020, SCHEDULE 1. (See end of Document for details)

for use by an adult or young person suffering from some physical or mental impairment and intended for use solely by such person are exempt. (Note: Seat belt anchorages for such belts must satisfy the requirements of item 19.)

4 A seat belt bearing an approval mark in accordance with column 1 may be fitted, whether or not the seat belt has been type approved for the anchorages to which it is fitted, provided that the seat belt complies with the installation requirements of column 1.

33 Identification of Controls, Tell-tales and Indicators

The technical provisions of paragraph 5 of Annex I to Directive [78/316/EEC](#) as last amended by Directive [93/91/EC](#)
M70

34 Defrost/Demist

Vehicles must be fitted with **adequate** defrosting and demisting devices. **“Adequate”** means sufficiently effective to ensure adequate visibility through the windscreen under all conditions.

35 Wash/Wipe

Vehicles must be fitted with **adequate** washing and wiping devices. **“Adequate”** means sufficiently effective to ensure adequate visibility through the windscreen under all conditions.

36 Heating Systems (if fitted)

The technical provisions of: Directive [2001/56/EC](#) as last amended by [2006/119/EC](#), paragraph 3 of Annex II, and Annexes III, VII and VIII.

41 Heavy Duty Emissions

1 Directive [2005/55/EC](#) as last amended by Directive [2006/51/](#)

1 Does not apply to vehicles approved under item 2.

EC, Annex I, and Row B2 limit values.

2 Complete or completed vehicles manufactured on or after 1st September 2018: Regulation (EC) No 595/2009 Annex I limit values.

45Safety glass

Component:
Directive 92/22/EEC as last amended by Directive 2001/92/EC.

Vehicle:
The technical provisions of: Directive 92/22/EEC as last amended by Directive 2001/92/EC.

46Tyres

Directive 92/23/EEC as last amended by Directive 2005/11/EC,
and
UNECE Regulation 64.01 in the case of a temporary use spare tyre (if fitted).

48Masses and Dimensions

The technical provisions of: Directive 97/27/EC
M71
as last amended by Directive 2003/19/EC
M72

2 Modification of exhaust system length after the last silencer is permissible without any further test.

1 Exclusions defined in paragraph 1 of Annex II to Directive 92/22/EEC as amended.

2 Directive 92/22/EEC, Annex III, paragraphs 2.1.1 and 2.1.2 do not apply provided that driver's forward vision is not distorted and that light transmission of at least 70% is maintained.

3 In the case of a special purpose vehicle, the requirements for all window glazing, other than the driver's cab glazing (windshield and side glazing), the material may be either safety glass or rigid plastic glazing.

4 This item does not apply to armoured vehicles.

In the case of an armoured vehicle exemption from one or more of the provisions in column 1 is permitted where it can be demonstrated to the satisfaction of the approval authority that the special purpose of the vehicle makes it impossible to fully comply.

Directive 97/27/EC, Annex I, paragraphs 7.3.3, 7.5, 7.9, 7.10 and 7.11 do not apply.

Changes to legislation: There are currently no known outstanding effects for the The Road Vehicles (Approval) Regulations 2020, SCHEDULE 1. (See end of Document for details)

, paragraph 7 of Annex I.

49 External Projection of Cabs

The technical provisions of sections 3 and 4 of Annex I to Directive [92/114/EEC](#)
M73

In the case of an armoured vehicle, exemption from one or more of the provisions in column 1 is permitted where it can be demonstrated to the satisfaction of the approval authority that the special purpose of the vehicle makes it impossible to fully comply.

50 Couplings where fitted

Component:
Directive [94/20/EC](#).

Vehicle:
The technical provisions of Annex VII to Directive [94/20/EC](#).

60 Frontal Protection Systems (“Bull-bars”) (where fitted)

The technical provisions of paragraphs 2 and 3 of Annex I to Directive [2005/66/EC](#) and Commission Decision [2006/368/EC](#).

69 Electrical Safety

Vehicle: The technical provisions of UNECE Regulation 100.01.

Marginal Citations

- M68** OJ No. L 145, 13.6.1977, p. 41.
- M69** OJ No. L 258, 11.10.1996, p. 26.
- M70** OJ No. L 284, 19.11.1993, p. 25.
- M71** OJ No. L 233, 25.8.1997, p. 1.
- M72** OJ No. L 79, 26.3.2003, p. 6.
- M73** OJ No. L 409, 31.12.1992, p. 17.

PART 4

Requirements for vehicles of categories M₂, M₃, N₂, N₃ and O

Commencement Information

I8 Sch. 1 Pt. 4 in force at 1.9.2020, see reg. 1(b)

| <i>Column 1 Requirement</i> | <i>Column 2 Definitions and supplementary provisions</i> | <i>Column 3 Exemptions and modifications</i> |
|--|--|---|
| 1 Noise | | |
| <p>The technical provisions of Annex I to Directive 70/157/EEC as last amended by Directive 1999/101/EC.</p> | <p>A “Stationary Noise Test” means, in the case of a modified exhaust system, a stationary test as defined in paragraphs 5.2.3.4.2 and 5.2.3.4.3 of Annex I to Directive 70/157/EEC with a noise limit value measured on the dB(A) scale which must not exceed the equivalent stationary value recorded on the approval, certificate of conformity or test report for that vehicle by more than 2dB(A) at 0.5m.</p> | <p>1 Does not apply to category O vehicles.</p> <p>2 Directive 70/157/EEC, Annex I, paragraphs 5.3.1.1, 5.3.1.2. and 5.3.1.3 do not apply.</p> <p>3 In the case of a motor caravan, ambulance, or hearse, the requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.</p> <p>4 If an approval or test report is issued for a vehicle in accordance with column 1 and the exhaust system is subsequently modified after the last silencer by not more than 2m in length, no further test is required. In the case of any other modification relating to the requirements of column 1 and affecting only the exhaust system, a Stationary Noise Test must be conducted.</p> <p>5 In the case of a mobile crane Directive 70/157/EEC as amended by Directive 1999/101/EC applies and for point 5.2.2.1 of Annex I the following limit values are applicable— 81 dB(A) for vehicles with an engine power of less than 75 kW; 83 dB(A) for vehicles with an engine power of not less than 75 kW but less than 150 kW;</p> |

Changes to legislation: There are currently no known outstanding effects for the The Road Vehicles (Approval) Regulations 2020, SCHEDULE 1. (See end of Document for details)

84 dB(A) for vehicles with an engine power of not less than 150 kW.

2 Light Duty Emissions

- | | | |
|---|---|--|
| 1 The technical provisions of Regulation (EC) 715/2007 as last amended by Regulation (EC) 692/2008, Annex I, Table 2. | “ OBD ” means On-Board Diagnostic systems. | 1 Does not apply to category M ₃ , N ₃ or O vehicles. |
| 2 Complete or completed vehicles manufactured after 1st March 2020: the technical provisions of Annex XXI in Commission Regulation (EU) 2017/1151 (WLTP). | | 2 Vehicles of category M ₂ are exempt from the requirements of OBD . |
| | | 3 Does not apply to vehicles approved to item 41. |
| | | 4 Modification of exhaust system length after the last silencer is permissible without any further test. |
| | | 5 In the case of a completed vehicle, the requirements according to the category of the base or incomplete vehicle based on maximum mass may apply. |
| | | 6 An approval issued to the most representative base vehicle remains valid irrespective of change in reference weight or aerodynamic performance. |
| | | 7 In the case of armoured vehicles exemption from one or more of the provisions in column 1 is permissible where it can be demonstrated to the satisfaction of the approval authority that the special purpose of the vehicle makes it impossible to fully comply. |

3A Fuel Tanks

- 1 The technical provisions of Directive 70/221/EEC as last amended by Directive 2006/20/EC.
- 2 For vehicles using gaseous fuels:

UNECE Regulation 67.01 for LPG,
UNECE Regulation 110 for CNG,
UNECE Regulation 115 for LPG or CNG retro-fit, or
the technical provisions of Regulation (EC) No 79/2009 or UNECE Regulation 134 for hydrogen.

3B Rear Protective Devices

The technical provisions of paragraph 5 of Annex II to Directive 70/221/EEC as last amended by Directive 2006/20/EC.

The requirement in column 1 does not apply to category O₁ or O₂ vehicles.

4 Rear Registration Plate Space

The technical provisions of Directive 70/222/EEC,
or
space must be provided for a registration plate meeting the requirements of the Road Vehicles (Display of Registration Marks) Regulations 2001.

5 Steering Effort

The technical provisions of paragraphs 4 and 5 of Annex I to Directive 70/311/EEC as last amended by Directive 1999/7/EC.

1 The requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.

2 A mobile crane may be fitted with a crab steering system.

6 Door latches and Hinges

The technical provisions of Directive 70/387/EEC as last amended by Directive 2001/31/EC, Annex I, Paragraph 3, and where the maximum mass exceeds 7.5 tonnes, Annex III.

1 Does not apply to category M₂, M₃ or O vehicles.

2 In the case of a mobile crane exemption from one or more of the provisions in column 1 is permissible where it can be demonstrated to the satisfaction of the approval authority that the special purpose of the vehicle makes it impossible to fully comply.

7 Audible Warning

Changes to legislation: There are currently no known outstanding effects for the The Road Vehicles (Approval) Regulations 2020, SCHEDULE 1. (See end of Document for details)

Component:

Directive [70/388/EEC](#) as last amended by Directive [87/354/EC](#).

Vehicle:

The technical provisions of paragraph 2 of Annex I to Directive [70/388/EEC](#) as last amended by Directive [87/354/EC](#).

1 Does not apply to category O vehicles.

2 In the case of an armoured vehicle—

(a) exemption from one or more of the provisions in column 1 is permissible where it can be demonstrated to the satisfaction of the approval authority that the special purpose of the vehicle makes it impossible to fully comply, and

(b) additional panic alarm devices are permitted.

8 Indirect Vision

Component:

Directive [2003/97/EC](#).

Vehicle:

1 The technical provisions of Directive [2003/97/EC](#) Annex III.

1 Does not apply to category O vehicles.

2 Field of view requirements do not apply to optional mirrors.

3 In the case of a completed vehicle, the requirements according to the category of the base or incomplete vehicle based on maximum mass apply.

4 In the case of an armoured vehicle, exemption from one or more of the provisions in column 1 is permitted where it can be demonstrated to the satisfaction of the approval authority that the special purpose of the vehicle makes it impossible to fully comply.

5 The vehicle requirements in column 1 paragraph 2 do not apply to vehicles where any part of the Class V mirror is less than 2.4m above the ground.

6 The requirements in column 1 paragraph 2 do not apply to vehicles where the incomplete vehicle is of a type that is type approved to Directive [2003/97/EC](#).

2 N₂ and N₃ vehicles manufactured after 1st April 2016: the technical provisions of paragraph 15 of UNECE Regulation 46.04.

9 Braking

The technical provisions of paragraph 2 of Annex I to Directive 71/320/EEC as last amended by Directive 98/12/EC and tests as defined in associated Annexes as may be applicable.

1 Does not apply to category O₁ vehicles except where a braking system is fitted.

2 In the case of a motor caravan, ambulance, or hearse, the requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.

3 In the case of a mobile crane with more than 4 axles derogations are permitted provided that—
(a) they are justified by the particular construction, and
(b) all the braking performances relating to parking, service and secondary braking are fulfilled.

10 Electro-magnetic Compatibility

Component: Directive 72/245/EEC as last amended by Directive 2006/28/EC. “**Installation Check**” means a manufacturer's declaration that installed components are compliant with the requirements of column 1

Vehicle: The technical provisions of Directive 72/245/EEC as last amended by Directive 2006/28/EC, section 6 of Annex I taking into consideration the exemptions in section 8 and tests specified in Annexes IV to X, and inspection of a sample of installed components as the approving authority deem necessary.

or an **Installation Check**.

13 Anti-Theft and Immobiliser

1 The technical provisions of Directive 74/61/EEC as last amended by Directive 95/56/EC. Immobilisers must be approved as part of the base vehicle or as a separate technical unit. 1 Does not apply to category O vehicles.

2 Optional panic alarm not forming part of an alarm system under paragraph 1 must comply with the following—
(a) the alarm signal must be audible and in addition may include optical alarm devices, or be a radio alarm, or any combination of the above; Alarms, except those under column 1 paragraph 2, must be approved as part of the base vehicle or as a separate technical unit. 2 The provisions of column 1 apply only to the extent that a device to prevent unauthorised use, immobiliser, alarm system or panic alarm is fitted.

3 In the case of a motor caravan, ambulance, or hearse, the requirements according to the category of the base or

Changes to legislation: There are currently no known outstanding effects for the The Road Vehicles (Approval) Regulations 2020, SCHEDULE 1. (See end of Document for details)

(b) the technical requirements of Directive [74/61/EEC](#) as last amended by Directive [95/56/EC](#), Annex VI, Part II, paragraphs 8.2 to 8.8, 9.1.2 to 9.2.1, 9.2.3 to 9.4, 9.6, 9.9 to 9.10, and 9.11.2 to 11 inclusive;

(c) unsetting the panic alarm must immediately cut the alarm signal.

incomplete vehicle based on maximum mass may apply.

15 Seat Strength

1 The technical provisions of Directive [74/408/EEC](#) as last amended by Directive [2005/39/EC](#).

1 Does not apply to category O vehicles.

2 In the case of a motor caravan, ambulance, hearse, mobile crane, or other special purpose vehicle the requirements in column 1 do not apply to seats intended for use solely while the vehicle is stationary and any such seats must be clearly identified to users by means of a pictogram or a sign with appropriate text.

3 In the case of a motor caravan, ambulance, or hearse, the requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.

4 The provisions of paragraph 2 of Article 1 to Directive [2005/39/EC](#) do not apply.

5 The provisions of paragraph 4.5 of Annex III to Directive [74/408/EEC](#) as amended by Directive [2005/39/EC](#) shall also apply to category M₂ vehicles.

17 Speedometer and Reverse Gear

The technical provisions of Directive [75/443/EEC](#) as last amended by Directive [97/39/EC](#), Annex I and Annex II, paragraphs 4.1 and 4.2.

1 Does not apply to category O vehicles.

2 This requirement does not apply to a vehicle fitted with a tachograph if the tachograph provides adequate visual indication of speed to the driver.

18 Plates (statutory)

The technical provisions of: Directive [76/114/EEC](#) as last amended by Directive [78/507/EEC](#), and where the vehicle is the subject of a multi stage build a plate is required on completion of each stage as appropriate.

19 Seat Belt Anchorages

The technical provisions of Directive [76/115/EEC](#) as last amended by Directive [2005/41/EC](#).

1 Does not apply to category O vehicles.

2 Does not apply to category M₂ (Class A, I or II) or M₃ (Class A, I or II) vehicles except where seat belt anchorages are fitted.

3 In the case of a motor caravan, ambulance, hearse, mobile crane, or other special purpose vehicle the requirements in column 1 do not apply to seats intended for use solely while the vehicle is stationary and any such seats must be clearly identified to users by means of a pictogram or a sign with appropriate text.

4 In the case of a motor caravan, ambulance, or hearse, at least anchorages for lap belts are required for all rear seating positions.

5 In the case of a motor caravan, ambulance, or hearse, the requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.

6 In the case of an armoured vehicle, exemption from one or more of the provisions in column 1 is permitted where it can be demonstrated to the satisfaction of the approval authority that the special purpose of the vehicle

makes it impossible to fully comply.

20 Installation of Lighting and Light Signalling Devices

The technical provisions of UNECE Regulation 48.03, and dipped beam headlamps must be suitable for left hand rule of the road traffic.

1 In the case of a motor caravan, ambulance, hearse, armoured vehicle, mobile crane, or other special purpose vehicle, exemption from one or more of the provisions in column 1 is permitted where it can be demonstrated to the satisfaction of the approval authority that the special purpose of the vehicle makes it impossible to fully comply provided that all mandatory lighting devices are fitted and, except in the case of a mobile crane, that the geometric visibility is not affected.

2 In the case of a motor caravan, ambulance, or hearse, the requirements according to the category of the base or incomplete vehicle based on maximum mass may apply to the cab.

3 Optional lamps meeting the technical requirements applicable to equivalent mandatory devices (except where specified otherwise) may be fitted, in addition to the mandatory and optional devices permitted by UNECE Regulation 48.03, as follows—
(a) two additional dipped beam headlamps forming a matched pair with electrical connections that permit only one pair to operate at any one time and fitted to—

(i) a vehicle intended for use in both left hand and right hand rule of the road traffic and in which case one pair must meet the requirements for right hand rule of the road traffic, or

(ii) a special purpose vehicle designed for use with equipment that may obstruct the mandatory devices and

fitted at a height not exceeding 1800mm,

(b) any number of—

(i) front position lamps,

(ii) rear position lamps,

(iii) stop lamps of category S1 or S2,

(iv) end outline marker lamps,

(v) rear retro-reflectors, or

(vi) front retro-reflectors,

for which the requirements for position and geometric visibility do not apply, and

(c) two rear direction indicator lamps.

4 The mandatory requirements of UNECE Regulation 48.03, paragraph 6.18.1 do not apply to trailers constructed for the carriage and launching of boats.

5 Amber side marker lamps may be wired to flash, provided that this flashing is in phase and at the same frequency with the direction indicator lamps at the same side of the vehicle.

6 The requirements of paragraphs 6.5.4.2 and 6.5.5 of UNECE Regulation 48.03 do not apply to any optional rear direction indicator lamps.

21 Retro Reflectors, Rear Marker Plates and Conspicuity Markings

For retro reflectors:

UNECE Regulation 3 or

UNECE Regulation 150.

For conspicuity markings:

UNECE Regulation 104.

The fitting of conspicuity markings is optional for category M₂, M₃, O₁ or O₂ vehicles.

22 End-outline, Front-Position (side), Rear-Position (side), Stop, Side Marker, Daytime Running Lamps

UNECE Regulation 7 or

UNECE Regulation 148.

23 Direction Indicators

UNECE Regulation 6 or

UNECE Regulation 148.

24 Rear Registration Plate Lamps

UNECE Regulation 4 or

UNECE Regulation 148.

Changes to legislation: There are currently no known outstanding effects for the The Road Vehicles (Approval) Regulations 2020, SCHEDULE 1. (See end of Document for details)

25 Headlamps (including bulbs)

UNECE Regulation 8, UNECE Regulation 20, UNECE Regulation 31, UNECE Regulation 98, UNECE Regulation 112, UNECE Regulation 123 or UNECE Regulation 149.

Does not apply to category O vehicles.

25A Cornering Lamps (where fitted)

UNECE Regulation 119 or UNECE Regulation 149.

Does not apply to category O vehicles.

26 Front Fog Lamps (where fitted)

UNECE Regulation 19 or UNECE Regulation 149.

Does not apply to category O vehicles.

27 Towing Hooks

The technical provisions of: Annex II to Directive [77/389/EEC](#) as last amended by Directive [96/64/EC](#).

1 Does not apply to category O vehicles.

2 In the case of an armoured vehicle, mobile crane, or other special purpose vehicle, exemption from one or more of the provisions in column 1 is permitted where it can be demonstrated to the satisfaction of the approval authority that the special purpose of the vehicle makes it impossible to fully comply.

3 In the case of a motor caravan, ambulance, or hearse, the requirements apply only to the front of the vehicle.

28 Rear fog Lamps

UNECE Regulation 38 or UNECE Regulation 148.

29 Reversing Lamps

UNECE Regulation 23 or UNECE Regulation 148.

Does not apply to category O₁ vehicles except where fitted.

30 Parking Lamps (where fitted)

UNECE Regulation 7 or UNECE Regulation 148.

Does not apply to category O vehicles.

31 Seat Belts

The technical provisions of Directive [77/541/EEC](#) as last

1 Does not apply to category O vehicles.

amended by Directive [2005/40/EC](#).

2 In the case of a motor caravan, ambulance, hearse, mobile crane, or other special purpose vehicle the requirements in column 1 do not apply to seats intended for use solely while the vehicle is stationary and any such seats must be clearly identified to users by means of a pictogram or a sign with appropriate text.

3 In the case of a motor caravan, ambulance, or hearse, at least lap belts are required for all rear seating positions.

4 In the case of a motor caravan, ambulance or hearse, the requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.

5 In the case of an armoured vehicle, exemption from one or more of the provisions in column 1 is permitted where it can be demonstrated to the satisfaction of the approval authority that the special purpose of the vehicle makes it impossible to fully comply.

6 Seat belts which have been specially designed or adapted for use by an adult or young person suffering from some physical or mental impairment and intended for use solely by such person are exempt.

(Note: Seat belt anchorages for such belts must satisfy the requirements of item 19.)

7 Vehicles constructed or adapted for the secure transport of persons are required to be fitted with seat belts for the driver's and any front passenger's seat. Any other optional seat belts fitted must also comply.

Changes to legislation: There are currently no known outstanding effects for the The Road Vehicles (Approval) Regulations 2020, SCHEDULE 1. (See end of Document for details)

8 A seat belt bearing an approval mark in accordance with column 1 may be fitted, whether or not the seat belt has been type approved for the anchorages to which it is fitted, provided that the seat belt complies with the installation requirements of column 1.

33 Identification of Controls, Tell-tales and Indicators

The technical provisions of paragraph 5 of Annex I to Directive 78/316/EEC as last amended by Directive 94/53/EC.

Does not apply to category O vehicles.

34 Defrost/Demist

Vehicles must be fitted with an **adequate** defrosting and demisting device.

“**Adequate**” means sufficiently effective to ensure adequate visibility through the windscreen under all conditions.

Does not apply to category O vehicles.

35 Wash/Wipe

Vehicles must be fitted with **adequate** washing and wiping devices.

“**Adequate**” means sufficiently effective to ensure adequate visibility through the windscreen under all conditions.

Does not apply to category O vehicles.

36 Heating Systems (where fitted)

The technical provisions of Directive 2001/56/EC as last amended by Directive 2006/119/EC, paragraph 3 of Annex II, and Annexes III, VII and VIII.

41 Heavy Duty Emissions

1 Directive 2005/55/EC as last amended by Directive 2006/51/EC, Annex I, and Row B2 limit values.

1 Does not apply to category O vehicles.

2 Complete or completed vehicles manufactured on or after 1st September 2018: Regulation (EC) No 595/2009 Annex I limit values.

2 Does not apply to vehicles approved under item 2.

3 Modification of exhaust system length after the last silencer is permissible without any further test.

4 In the case of a motor caravan, ambulance, or hearse, the requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.

5 Does not apply to—
(a) mobile cranes which have an engine meeting the technical requirements of Regulation (EU) No 2016/1628^{M74}, or
(b) vehicles designed to tow combinations exceeding 200 tonnes which have an engine meeting the technical requirements of Regulation (EU) No 2016/1628.

42 Lateral Protection (Side Guards)

The technical provisions of paragraphs 1 to 4 of Directive [89/297/EEC](#)^{M75}.

Does not apply to category M₂, M₃, O₁ or O₂ vehicles.

43 Spray Suppression Systems

Component:
Directive [91/226/EEC](#)^{M76}.

1 Does not apply to category M₂, M₃, O₁ or O₂ vehicles or to category N₂ vehicles with a maximum mass not exceeding 7.5 tonnes.

Vehicle:
The technical provisions of Directive [91/226/EEC](#).

2 Except where fitted, the requirements do not apply to “off-road” vehicles as defined in the Type Approval Regulation or to vehicles in which the presence of spray-suppression devices is incompatible with their use.

45 Safety glass

Component:
Directive [92/22/EEC](#) as last amended by Directive [2001/92/EC](#).

1 Exclusions defined in paragraph 1 of Annex II to Directive [92/22/EEC](#) as amended.

2 Directive [92/22/EEC](#), Annex III, paragraph 2.1.1 and 2.1.2 do not apply provided that driver's forward vision is not distorted

Changes to legislation: There are currently no known outstanding effects for the The Road Vehicles (Approval) Regulations 2020, SCHEDULE 1. (See end of Document for details)

Vehicle:
The technical provisions of:
Directive [92/22/EEC](#) as last
amended by Directive [2001/92/EC](#).

and that light transmission of at least 70% is maintained.

3 In the case of a motor caravan, ambulance, or hearse, the requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.

4 In the case of a motor caravan, ambulance, hearse, mobile crane, or other special purpose vehicle, the requirements for all window glazing, other than the driver's cab glazing (windshield and side glazing), the material may be either safety glass or rigid plastic glazing.

5 This item does not apply to armoured vehicles.

46 Tyres

Component:
Directive [92/23/EEC](#) as last
amended by Directive [2005/11/EC](#).

1 In the case of a motor caravan, ambulance, or hearse, the requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.

2 In the case of an armoured vehicle, or mobile crane, save as required by paragraph 3, exemption from one or more of the provisions in column 1 is permitted where it can be demonstrated to the satisfaction of the approval authority that the special purpose of the vehicle makes it impossible to fully comply.

3 In the case of a mobile crane the provision in paragraph 2 above applies on condition that the requirements in ISO 10571—1995 (E) or ETRTO Standards Manual 1998 are fulfilled.

Vehicle:
The technical provisions of:
Directive [92/23/EEC](#) as last
amended by Directive [2005/11/EC](#).

47 Speed Limiters

Component:

Does not apply to category O vehicles.

Directive [92/24/EC](#)^{M77} as last amended by Directive [2004/11/EC](#)^{M78}.

Vehicle:

The technical provisions of sections 1, 2 and 7 of Annex I to Directive [92/24/EC](#) as last amended by Directive [2004/11/EC](#).

48 Masses and Dimensions

The technical provisions of Directive [97/27/EC](#) as last amended by Directive [2003/19/EC](#), section 7 of Annex I.

1 Directive [97/27/EC](#), Annex I, paragraphs 7.3.3, 7.5, 7.9, 7.10 and 7.11 do not apply. In the case of a category M₂ or M₃ vehicle, for paragraph 7.3.3 substitute “maximum height 4.57m”.

2 Trailers for abnormal indivisible loads of exceptional length are exempt from Annex I, paragraph 7.3.1.

3 In the case of a semi-trailer which is designed to carry at least two other wheeled vehicles, in Annex I—

(a) paragraph 7.3.1.4.1 is to be read as though, for “the limit laid down in section 1.6 of Annex I to Directive [96/53/EC](#)”, there were substituted “12.5m ”,

(b) paragraph 7.3.1.4.2 is to be read as though, for “2,04 m as per section 4.4 of Annex I to Directive [96/53/EC](#)”, there were substituted “4.19m ”.

4 Exemptions from Annex I, paragraph 7.6:

- (a) an abnormal indivisible load vehicle;
- (b) a semi-trailer low loader;
- (c) a semi-trailer step-frame low loader.

5 In the case of a semi-trailer being a trailer designed to carry at least two other wheeled vehicles, Annex I, paragraph 7.6 applies save that any part of the semi-trailer forward of

Changes to legislation: There are currently no known outstanding effects for the *The Road Vehicles (Approval) Regulations 2020, SCHEDULE 1. (See end of Document for details)*

the transverse plane passing through the king pin may be ignored.

6 Vehicles complying with the relevant requirements of the Road Vehicles (Authorisation of Special Types)(General) Order 2003

M79

or the Motor Vehicles (Authorisation of Special Types) Order (Northern Ireland) 1997

M80

are exempt from any of the provisions in column 1 which they are unable to comply with due to their special purpose.

7 For the purpose of Directive [97/27/EC](#), Annex I, paragraph 2.4.1, the items specified must also include—

(a) any plate, whether rigid or movable, fitted to a trailer constructed for the purpose of carrying other vehicles and designed to bridge the gap between the trailer and a motor vehicle constructed for that purpose and to which the trailer is designed to be attached such that vehicles carried on it may be moved from the trailer to the motor vehicle or from the motor vehicle to the trailer;

(b) any part of a trailer designed primarily for use as a means of attaching it to another vehicle and any fitting designed for use in connection with any such part.

8 For the purpose of Directive [97/27/EC](#), Annex I, paragraph 2.4.2, the items specified shall also include safety railings mounted on a vehicle designed to carry at least two other wheeled vehicles, provided that the safety railings are more than 2m above the ground and the

overall width including safety railings does not exceed 2.70m.

9 In paragraph 7.4.3.3.1 of Annex I to Directive [97/27/EC](#) for the mass representing a wheelchair and user of 250kg substitute 100kg.

10 Directive [97/27/EC](#), Annex I, paragraph 7.6 does not apply to a motor vehicle having 4 or more axles where the distance between the foremost and rearmost axles exceeds 6.4m.

49 External Projection of Cabs

The technical provisions of sections 3 and 4 of Annex I to Directive [92/114/EEC](#).

1 Does not apply to category M₂, M₃, or O vehicles.

2 In the case of an armoured vehicle, exemption from one or more of the provisions in column 1 is permitted where it can be demonstrated to the satisfaction of the approval authority that the special purpose of the vehicle makes it impossible to fully comply.

50 Couplings (where fitted)

Component:
Directive [94/20/EC](#).

1 For the purpose of Directive [94/20/EC](#), Annex VII, paragraph 1.1, vehicles fitted with Class A couplings are assumed to tow a mass of 3,500kg.

2 In the case of a motor caravan, ambulance, or hearse, the requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.

Vehicle:
The technical provisions of Annex VII to Directive [94/20/EC](#).

51 Flammability

The technical provisions of Directive [95/28/EC](#)
M81

, section 7 of Annex I.

1 Does not apply to category M₂, N₂, N₃, or O vehicles.

2 Does not apply to category M₃ vehicles except vehicles of Class III as defined in Directive [2001/85/EC](#).

Changes to legislation: There are currently no known outstanding effects for the The Road Vehicles (Approval) Regulations 2020, SCHEDULE 1. (See end of Document for details)

3 In the case of a motor caravan, ambulance, or hearse, the requirements according to the category of the base or incomplete vehicle based on maximum mass apply to the cab.

52 Buses and Coaches

1 All vehicles: The “**Vehicle of Class III**” means technical provisions of UNECE Regulation 107.02 excluding Annex 8. a vehicle of Class III specially designed for the carriage of school children;

1 Does not apply to category N₂, N₃, or O vehicles.

2 Vehicles of Class I: The “**Table 1**” means the table at the technical provisions of UNECE Regulation 107.02, Annex 8. end of this Part.

2 Does not apply to vehicles for the secure transport of persons.

3 Vehicles other than Class I—
(a) if fitted with accommodation for a wheelchair the vehicle must comply with the technical provisions of paragraphs 3.6 and 3.8 of Annex 8 to UNECE Regulation 107.02;
(b) if fitted with a boarding aid the vehicle must comply with the technical provisions of paragraph 3.11 of Annex 8 to UNECE Regulation 107.02.

3 Vehicles of Class I, II or III: As an alternative to UNECE Regulation 107.02, Annex 3, paragraph 7.6.1.14 the upper deck gangway shall be connected by one or more intercommunication staircases to the access passageway of a service door or to the lower deck gangway within 3m of a service door.

4 Vehicles of Class A or B: As an alternative to UNECE Regulation 107.02, Annex 3, paragraph 7.11.3.1 a vehicle may be fitted with handrails or handholds on at least one side and in the case of double doors this requirement may be met by a central stanchion or handrail.

5 Vehicles of Class I, as an alternative to column 1, paragraph 2, may comply with the Public Service Vehicles (Accessibility) Regulations 2000

M82
, Schedules 1 and 2, or the Public Service Vehicles (Accessibility) (Northern Ireland) Regulations 2003
M83

, Schedules 1 and 2.

6 Requirements that are not compatible with the intended use do not apply to vehicles containing seating for use only while the vehicle is stationary.

7 In the case of armoured vehicles, exemption from one or more of the provisions in column 1 is permitted where it can be demonstrated to the satisfaction of the approval authority that the special purpose of the vehicle makes it impossible to fully comply.

8 In the case of a **vehicle of Class III**, Annex 3 to UNECE Regulation 107.02 is amended as follows—

(a) for “225mm” in paragraphs 7.7.8.1.1.2 and 7.7.8.1.2.2 substitute “200mm”;

(b) for “680mm” in paragraph 7.7.8.4.1 substitute “650mm”;

and
(c) for “400mm” in paragraph 7.7.8.2.2 substitute “350mm”.

9 Paragraph 7.4 of Annex 3 to UNECE Regulation 107.02 does not apply to—

(a) a vehicle of Class B fitted with no more than 16 passenger seats, or

(b) any other single deck vehicle fitted with a vehicle stability function for which an approval has been issued in accordance with UNECE Regulation 13.11.

10 Vehicles of Class A & B: The frontal barrier collision test in 7.6.7.2 of Annex 3 to UNECE Regulation 107.02 does not apply to a vehicle in which all passengers have access to at least two doors, being either a service door or an emergency door, one of which is not a sliding door.

Changes to legislation: There are currently no known outstanding effects for the *The Road Vehicles (Approval) Regulations 2020, SCHEDULE 1. (See end of Document for details)*

11 A door other than a service door, may be fitted to the offside of a vehicle.

12 UNECE Regulation 107.02, Annex 3, paragraph 7.6.7.6:

In the case of—

(a) a manually operated sliding door fitted with a slam lock of the two stage type, the activation of the device may be by movement of the door itself;

(b) a nearside rear door forming part of a pair of doors fitted at the rear of the vehicle, the requirements do not apply if that door is capable of being held securely closed by the other door of that pair.

13 Vehicles of Class I, II or III may, as an alternative to the table in UNECE Regulation 107.02, Annex 3, paragraph 7.6.1.1, meet the requirements of **Table 1**.

14 Vehicles of Class B fitted with more than one wheelchair space: in the case of the second and subsequent wheelchair spaces, the space must be not less than 700mm wide and 1200mm long.

15 The test requirements of paragraph 3.8 of Annex 8 to UNECE Regulation 107.02 do not apply if the vehicle is designed to meet the strength characteristics equivalent to those needed to satisfy the requirements of those paragraphs.

57 Front Underrun Protection

The technical provisions of section 3 of Annex II to Directive [2000/40/EC](#)

M84

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65 AEBS

Does not apply to category M₂, M₃, or O vehicles.

The technical provisions of
Regulation (EU) No 347/2012
M85
or UNECE Regulation 131.

1 A completed vehicle where the complete or incomplete vehicle it is based upon was manufactured before 1st September 2018.

2 A complete vehicle which was manufactured before 1st September 2018.

3 A completed vehicle where the complete or incomplete vehicle upon which it is based either has a gross weight of not more than 8 tonnes or has hydraulic brakes or is not equipped with pneumatic rear suspension, and was manufactured before 1st November 2020.

4 A complete vehicle which has a gross weight of not more than 8 tonnes or has hydraulic brakes or is not equipped with pneumatic rear suspension, and was manufactured before 1st November 2020.

5 The vehicle classes listed in Article 1 of Regulation (EU) No 347/2012.

6 Completed vehicles based on a complete or incomplete vehicle of category N₁ or M₁.

7 Vehicles built by a manufacturer which made fewer than 1,000 chassis and unitized bodies in the previous calendar year.

66 LDWS

The technical provisions of
Regulation (EU) No 351/2012
M86
or UNECE Regulation 130.

1 A completed vehicle where the complete or incomplete vehicle it is based upon was manufactured before 1st September 2018.

2 A complete vehicle which was manufactured before 1st September 2018.

Changes to legislation: There are currently no known outstanding effects for the The Road Vehicles (Approval) Regulations 2020, SCHEDULE 1. (See end of Document for details)

3 The exemptions listed in Article 1 of Regulation (EU) No 351/2012.

4 Completed vehicles based on a complete or incomplete vehicle of category N₁ or M₁.

5 Vehicles built by a manufacturer which made fewer than 1,000 chassis and unitized bodies in the previous calendar year.

69 Electrical Safety

Vehicle: The technical provisions of UNECE Regulation 100.01.

| Marginal Citations | |
|---------------------------|-------------------------------------|
| M74 | OJ No. L 252, 16.9.2016, p. 53. |
| M75 | OJ No. L 124, 5.5.1989, p. 1. |
| M76 | OJ No. L 103, 23.4.1991, p. 5. |
| M77 | OJ No. L 129, 14.5.1992, p. 154. |
| M78 | OJ No. L 44, 14.2.2004, p. 19. |
| M79 | S.I. 2003/1998 . |
| M80 | S.R. 1997 No. 109 . |
| M81 | OJ No. L 281, 23.11.1995, p. 1. |
| M82 | S.I. 2000/1970 |
| M83 | S.R. 2003 No. 37 . |
| M84 | OJ No. L 203, 10.8.2000, p. 9. |
| M85 | OJ No. L 109, 21.4.2012, p. 1. |
| M86 | OJ No. L 110, 24.4.2012, p. 18. |

Table 1

| <i>Number of passengers</i> | <i>Number of Service Doors</i> | | |
|-----------------------------|--------------------------------|-----------------|------------------------|
| | <i>Class I and A</i> | <i>Class II</i> | <i>Class III and B</i> |
| 9 - 45 | 1 | 1 | 1 |
| 46 - 70 | 2 | 1 | 1 |
| 71 - 100 | 2 ¹ | 2 | 1 |
| > 100 | 4 | 3 | 1 |

¹ Indicates that the requirement differs from that of UNECE Regulation 107.02.

Changes to legislation:

There are currently no known outstanding effects for the The Road Vehicles (Approval) Regulations 2020, SCHEDULE 1.