

SCHEDULE 4

Technical and Administrative Requirements for Grant of National Small Series Type Approval

PART 4

Requirements for Vehicles of Categories M₂, M₃, N₂, N₃ and O

1 Requirement	2 Definitions and supplementary provisions	3 Exemptions and modifications
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>	<ol style="list-style-type: none"> 1. Does not apply to O category vehicles. 2. UNECE Regulation 51, Annex 5, paragraphs 1.1, 1.2, and 1.3 does not apply. 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. 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. 5. In the case of a mobile crane Directive 70/157/EEC as amended by Directive 99/101/EC applies and for point 5.2.2.1 of Annex I the following limit values are applicable: <ul style="list-style-type: none"> 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;

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		84 dB(A) for vehicles with an engine power of not less than 150 kW.
2. Emissions		
<p>1. The technical provisions of Annex I to Directive 70/220/EEC as amended by Directive 2003/76, Row B limit values.</p> <p>2. Vehicles manufactured on or after 1st January 2012: The technical provisions of Regulation (EC) 715/2007 as amended by Regulation (EC) 692/2008, Annex I, Table 1.</p> <p>3. Vehicles manufactured on or after 1st September 2016: The technical provisions of Regulation (EC) 715/2007 as amended by Regulation (EC) 692/2008, Annex I, Table 2.</p>	<p>“OBD” means On-Board Diagnostic systems.</p>	<p>1. Does not apply to M3, N3 or O category vehicles.</p> <p>2. N2 vehicles with reference mass not exceeding 2610kg manufactured after 1 January 2010 must comply with Regulation (EC) No. 715/2007</p> <p>3. Vehicles of category M₂ are exempt from the requirements of OBD.</p> <p>4. Does not apply to vehicles approved to item 41.</p> <p>5. Modification of exhaust system length after the last silencer is permissible without any further test.</p> <p>6. 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>7. An Approval issued to the most representative base vehicle remains valid irrespective of change in reference weight.</p> <p>8. 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>
3. Fuel Tanks/Rear Protective Devices		
<p>For Fuel Tanks:</p> <p>1. The technical provisions of paragraphs 5 and 6 of Annex I to Directive</p>		<p>The requirement in column 1 for a rear protective device does not apply to O₁ or O₂ category vehicles.</p>

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<p>70/221/EEC as amended by directive 2006/20/EC; And</p> <p>2. For vehicles using gaseous fuels: Regulations 67.01 or 115 for LPG. Regulation 110.00 or 115 for CNG.</p> <p>For rear protective devices:</p> <p>3. The technical provisions of paragraph 5 of Annex II to Directive 70/221/EEC as amended by directive 2006/20/EC.</p>		
4. Rear Registration Plate Space		
<p>The technical provisions of Directive 70/222/EEC;</p> <p>Or</p> <p>Space must be provided for a registration plate meeting the requirements of the Display of Registration Marks Regulations 2001.</p>		
5. Steering Effort		
<p>The technical provisions of:</p> <p>paragraphs 4 and 5 of Annex I to Directive 70/311/</p>		<p>1. The requirements according to the category of the base or incomplete vehicle based on maximum mass may apply.</p> <p>2. A mobile crane may be fitted with a crab steering system.</p>

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EEC as amended by 1999/7/EC.		
6. Door latches and Hinges		
<p>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.</p>		<ol style="list-style-type: none"> 1. Does not apply to M₂, M₃ or O category 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		
<p>Component: Directive 70/388/EEC as amended by 87/354/EC.</p> <p>Vehicle: The technical provisions of: Paragraph 2 of Annex I to Directive 70/388/EEC as amended by 87/354/EC.</p>		<ol style="list-style-type: none"> 1. Does not apply to O category vehicles. 2. In the case of an armoured vehicle: <ol style="list-style-type: none"> (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		
<p>Component: Directive 2003/97/EC.</p> <p>Vehicle: The technical provisions of: Directive 2003/97/EC, Annex III.</p>		<ol style="list-style-type: none"> 1. Does not apply to O category vehicles. 2. Field of view requirements do not apply to optional mirrors. 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 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

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		authority that the special purpose of the vehicle makes it impossible to fully comply.
9. Braking		
<p>The technical provisions of paragraph 2 of Annex I to Directive 71/320/EEC as amended by Directive 98/12/EC and tests as defined in associated Annexes as may be applicable.</p>		<ol style="list-style-type: none"> 1. Does not apply to O₁ category 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: <ol style="list-style-type: none"> (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		
<p>Component:</p> <p>Directive 72/245/EEC as amended by Directive 2006/28/EC.</p> <p>Vehicle:</p> <p>The technical provisions of: Directive 72/245/EEC as 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;</p> <p>Or</p>	<p>“Installation Check” means a manufacturer’s declaration that installed components are compliant with the requirements of column 1 and inspection of a sample of installed components as the approving authority deem necessary.</p>	

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1 Requirement	2 Definitions and supplementary provisions	3 Exemptions and modifications
An Installation Check.		
11. Diesel Smoke		
<p>Directive 72/306/EEC as amended by Directive 2005/21/EC section 5 of Annex I and tests as defined in Annexes IV and V;</p> <p>Or</p> <p>A free acceleration test such that the coefficient of absorption of the exhaust emissions from the engine immediately after leaving the exhaust must not exceed:</p> <p>(a) if the engine of the vehicle is turbo-charged, 3.0 per metre, or</p> <p>(b) in any other case, 2.5 per metre.</p>	<p>For the purposes of this item:</p> <p>“co-efficient of absorption” is be construed in accordance with paragraph 3.5 of Annex VII to Directive 72/306/EEC; and</p> <p>“free acceleration” has the same meaning as in Annex II to Directive 77/143/EEC as amended by Directive 92/55/EEC.</p>	<ol style="list-style-type: none"> 1. Does not apply to O category vehicles. 2. Modification of exhaust system is permissible without any further test. 3. Does not apply to a vehicle which complies with Directive 2005/55/EC as amended by Directive 2008/74/EC.
13. Anti-Theft and Immobiliser		
<ol style="list-style-type: none"> 1. The technical provisions of: Directive 74/61/EEC as 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: <ol style="list-style-type: none"> (a) The alarm 	<p>Immobilisers must be approved as part of the base vehicle or as a separate technical unit.</p> <p>Alarms, except those under column 1 paragraph 2, must be approved as part of the base vehicle or as a separate technical unit.</p>	<ol style="list-style-type: none"> 1. Does not apply to O category vehicles. 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 incomplete vehicle based on maximum mass may apply.

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<p>signal must be audible and in addition may include optical alarm devices, or be a radio alarm, or any combination of the above.</p> <p>(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.</p> <p>(c) unsetting the panic alarm must immediately cut the</p>		

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alarm signal.		
15. Seat Strength		
<p>1. The technical provisions of: Directive 74/408/EEC as amended by Directive 2005/39/EC.</p>		<ol style="list-style-type: none"> 1. Does not apply to O category 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 M₂ category vehicles.
17. Speedometer and Reverse Gear		
<p>The technical provisions of: Directive 75/443/EEC as amended by Directive 97/39/EC, Annex I and Annex II, paragraphs 4.1 and 4.2.</p>		<ol style="list-style-type: none"> 1. Does not apply to O category 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)		
<p>The technical provisions of: Directive 76/114/EEC as amended by Directive 78/507/EEC;</p> <p>And</p>		

<i>1 Requirement</i>	<i>2 Definitions and supplementary provisions</i>	<i>3 Exemptions and modifications</i>
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 amended by Directive 2005/41/EC .		<ol style="list-style-type: none"> 1. Does not apply to O category vehicles. 2. Does not apply to M₂ (Class A, I or II) or M₃ (Class A, I or II) category 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		<ol style="list-style-type: none"> 1. In the case of a motor caravan, ambulance, hearse, armoured vehicle, mobile crane, or

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<p>UNECE Regulation 48.03;</p> <p>And</p> <p>Dipped beam headlamps must be suitable for left hand rule of the road traffic.</p>		<p>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.</p> <ol style="list-style-type: none"> 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. The requirements of column 1 relating to conspicuity markings do not apply until 10 July 2011. 4. 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: <ol style="list-style-type: none"> (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: <ol style="list-style-type: none"> (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

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		<ul style="list-style-type: none"> (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: <ul style="list-style-type: none"> (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, <p>for which the requirements for position and geometric visibility do not apply; and</p> (c) two rear direction indicator lamps. <p>5. 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.</p> <p>6. 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.</p> <p>7. 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.</p>
<p>21. Retro Reflectors, Rear Marker Plates and Conspicuity Markings</p>		

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For retro reflectors: Directive 76/757/EEC as amended by Directive 97/29/EC . For conspicuity markings: UNECE Regulation 104.		The fitting of conspicuity markings is optional for M2, M3, O1 or O2 category vehicles.
22. End-outline, Front-Position (side), Rear-Position (side), Stop, Side Marker, Daytime Running Lamps		
Directive 76/758/EEC as amended by Directive 97/30/EC .		
23. Direction Indicators		
Directive 76/759/EEC as amended by Directive 99/15/EC .		
24. Rear Registration Plate Lamps		
Directive 76/760/EEC as amended by Directive 97/31/EC		
25. Headlamps (including bulbs)		
Directive 76/761/EEC as amended by Directive 99/17/EC .		Does not apply to O category vehicles.
25A. Cornering Lamps (where fitted)		
UNECE Regulation 119.		Does not apply to O category vehicles.
26. Front Fog Lamps (where fitted)		
Directive 76/762/EEC as amended by Directive 99/18/EC .		Does not apply to O category vehicles.
27. Towing Hooks		
The technical provisions of: Annex II to Directive 77/389/EEC as amended by Directive 96/64/EC .		<ol style="list-style-type: none"> 1. Does not apply to O category 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

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		<p>authority that the special purpose of the vehicle makes it impossible to fully comply.</p> <p>3. In the case of a motor caravan, ambulance, or hearse, the requirements apply only to the front of the vehicle.</p>
28. Rear fog Lamps		
Directive 77/538/EEC as amended by Directive 99/14/EC .		
29. Reversing Lamps		
Directive 77/539/EEC as amended by Directive 97/32/EC .		Does not apply to O1 category vehicles except where fitted.
30. Parking Lamps (where fitted)		
Directive 77/540/EEC as amended by Directive 99/16/EC .		Does not apply to O category vehicles.
31. Seat Belts		
The technical provisions of: Directive 77/541/EEC as amended by Directive 2005/40/EC .		<ol style="list-style-type: none"> 1. Does not apply to O category 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, 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

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		<p>satisfaction of the approval authority that the special purpose of the vehicle makes it impossible to fully comply.</p> <p>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.)</p> <p>7. Vehicles constructed or adapted for the secure transport of prisoners 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.</p> <p>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.</p>
33. Identification of Controls, Tell-tales and Indicators		
<p>The technical provisions of paragraph 5 of Annex I to Directive 78/316/EEC as amended by Directive 94/53/EC.</p>		<p>Does not apply to O category vehicles.</p>
34. Defrost/Demist		
<p>Vehicles must be fitted with an adequate defrosting and demisting device.</p>	<p>“Adequate” means sufficiently effective to ensure adequate visibility through the windscreen under all conditions.</p>	<p>Does not apply to O category vehicles.</p>
35. Wash/Wipe		
<p>Vehicles must be fitted with adequate</p>	<p>“Adequate” means sufficiently effective to ensure adequate</p>	<p>Does not apply to O category vehicles.</p>

<i>1 Requirement</i>	<i>2 Definitions and supplementary provisions</i>	<i>3 Exemptions and modifications</i>
washing and wiping devices.	visibility through the windscreen under all conditions.	
36. Heating Systems (where fitted)		
The technical provisions of: Directive 2001/56/EC as amended by 2006/119/EC , section 3 of Annex II, and Annexes III, VII and VIII.		
40. Engine power		
The essential technical provisions of Directive 80/1269/EEC as amended by Directive 99/99/EC .		Does not apply to O category vehicles.
41. Diesel Emissions		
<ol style="list-style-type: none"> Directive 2005/55/EC as amended by 2006/51/EC, Annex I, and Row B1 limit values. Complete or incomplete vehicles manufactured on or after 1st October 2009: Directive 2005/55/EC as amended by 2006/51/EC, Annex I, and Row B2 limit values. 		<ol style="list-style-type: none"> Does not apply to O category vehicles. From 1st October 2010 new types of N₂ vehicles with a reference mass not exceeding 2610kg must comply with Regulation (EC) No. 715/2007. Does not apply to vehicles approved under item 2. Modification of exhaust system length after the last silencer is permissible without any further test. 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. In the case of a mobile crane compliance with Directive 2004/26/EC can be accepted.
42. Lateral Protection (Side Guards)		
The technical provisions of: paragraphs 1 to 4 of Directive 89/297/EEC		Does not apply to M ₂ , M ₃ , O ₁ or O ₂ category vehicles.
43. Spray Suppression Systems		

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<p>Component:</p> <p>Directive 91/226/EEC.</p> <p>Vehicle:</p> <p>The technical provisions of Directive 91/226/EEC.</p>		<ol style="list-style-type: none"> 1. Does not apply to M₂, M₃, O₁ or O₂ category vehicles or to N₂ category vehicles with a maximum mass not exceeding 7.5 tonnes. 2. Except where fitted the requirements do not apply to: “off-road” vehicles as defined in the Framework Directive or to vehicles in which the presence of spray-suppression devices is incompatible with their use.
45. Safety glass		
<p>Component:</p> <p>Directive 92/22/EEC as amended by Directive 2001/92/EC.</p> <p>Vehicle:</p> <p>The technical provisions of: Directive 92/22/EEC as amended by Directive 2001/92/EC.</p>		<ol style="list-style-type: none"> 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 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		
<p>Component:</p> <p>Directive 92/23/EEC as amended by</p>		<ol style="list-style-type: none"> 1. In the case of a motor caravan, ambulance, or hearse, the requirements according to the category of the base or

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<p>Directive 2005/11/EC.</p> <p>Vehicle:</p> <p>The technical provisions of: Directive 92/23/EEC as amended by Directive 2005/11/EC.</p>		<p>incomplete vehicle based on maximum mass may apply.</p> <p>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.</p> <p>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.</p>
47. Speed Limiters		
<p>Component:</p> <p>Directive 92/24/EC as amended by Directive 2004/11/EC.</p> <p>Vehicle:</p> <p>The technical provisions of: sections 1, 2 and 7 of Annex I to Directive 92/24/EC as amended by Directive 2004/11/EC.</p>		<p>Does not apply to O category vehicles.</p>
48. Masses and Dimensions		
<p>The technical provisions of: Directive 97/27/EC as amended by Directive 2003/19/EC, section 7 of Annex I.</p>		<p>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”.</p> <p>2. Trailers for abnormal indivisible loads of</p>

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		<p>exceptional length are exempt from Annex I, paragraph 7.3.1.</p> <p>3. In the case of a semi-trailer which is designed to carry at least two other wheeled vehicles, for the distance mentioned in Annex I, paragraph 7.3.1.4.1 shall be substituted 12.5 m and for paragraph 7.3.1.4.2 shall be substituted 4.19 m.</p> <p>4. Exemptions from Annex I, paragraph 7.6:</p> <ul style="list-style-type: none"> (a) an abnormal indivisible load vehicle; (b) a semi-trailer low loader; (c) a semi-trailer step-frame low loader. <p>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 the transverse plane passing through the king pin may be ignored.</p> <p>6. Vehicles complying with the relevant requirements of the Road Vehicles (Authorisation of Special Types)(General) Order 2003(1) or the Motor Vehicles (Authorisation of Special Types) Order (Northern Ireland) 1997(2) are exempt from any of the provisions in column 1 which they are unable to comply with due to their special purpose.</p> <p>7. For the purpose of Directive 97/27/EC, Annex I, paragraph 2.4.1., the items specified must also include:</p> <ul style="list-style-type: none"> (i) any plate, whether rigid or movable, fitted to a trailer constructed for the purpose of carrying other vehicles and designed to

(1) S.I. 2003/1998.
(2) S.R. (N.I.) 1997 No. 109.

1 Requirement	2 Definitions and supplementary provisions	3 Exemptions and modifications
		<p>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;</p> <p>(ii) 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.</p> <p>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.</p> <p>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.</p> <p>10. Directive 97/27/EC, Annex I, paragraph 7.6. do not apply to a motor vehicle having 4 or more axles where the distance between the foremost and rearmost axles exceeds 6.4 metres.</p>
49. External Projection of Cabs		
<p>The technical provisions of sections 3 & 4 of Annex I to Directive 92/114/EEC.</p>		<p>1. Does not apply to M₂, M₃, or O category vehicles.</p> <p>2. In the case of an armoured vehicle, exemption from one or more of the provisions in</p>

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		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)		
<p>Component:</p> <p>Directive 94/20/EC.</p> <p>Vehicle:</p> <p>The technical provisions of: Annex VII to Directive 94/20/EC.</p>		<ol style="list-style-type: none"> 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.
51. Flammability		
<p>The technical provisions of: Directive 95/28/EC, section 7 of Annex I.</p>		<ol style="list-style-type: none"> 1. Does not apply to M₂, N₂, N₃, or O category vehicles. 2. Does not apply to M₃ category vehicles except vehicles of Class III as defined in Directive 2001/85/EC. 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		
<ol style="list-style-type: none"> 1. All vehicles: The technical provisions of UNECE Regulation 107.02 excluding Annex 8. 2. Vehicles of Class I: The technical provisions of UNECE Regulation 	<p>“Vehicle of Class IIIS” means a vehicle of Class III specially designed for the carriage of school children;</p> <p>“Table 4” means the table at the end of this Part.</p>	<ol style="list-style-type: none"> 1. Does not apply to N₂, N₃, or O category vehicles. 2. Does not apply to vehicles for the secure transport of persons. 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

1 Requirement	2 Definitions and supplementary provisions	3 Exemptions and modifications
<p>107.02, Annex 8.</p> <p>3. Vehicles other than Class I:</p> <p>(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;</p> <p>(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.</p>		<p>deck gangway within 3m of a service door.</p> <p>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.</p> <p>5. Vehicles of Class I, as an alternative to column 1, paragraph 2, may comply with the Public Service Vehicles (Accessibility) Regulations 2000(3), Schedules 1 and 2, or the Public Service Vehicles (Accessibility) (Northern Ireland) Regulations 2003(4), Schedules 1 and 2.</p> <p>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.</p> <p>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.</p> <p>8. In the case of a vehicle of Class IIIS, Annex 3 to UNECE Regulation 107.02 is amended as follows:</p> <p>(a) for “225mm” in paragraphs 7.7.8.1.1.2 and 7.7.8.1.2.2 substitute “200mm”;</p> <p>(b) for “680mm” in paragraph 7.7.8.4.1 substitute “650mm”; and</p>

(3) S.I. 2000/1970. Relevant amendments are by S.I. 2000/3318 and 2002/2981.

(4) S.R. (N.I.) 2003 No. 37. Relevant amendments are by S.R.(N.I.) 2004 No. 1881 and 2006 No. 249.

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

1 Requirement	2 Definitions and supplementary provisions	3 Exemptions and modifications
		<p>(c) for “400mm” in paragraph 7.7.8.2.2 substitute “350mm”.</p> <p>9. Paragraph 7.4 of Annex 3 to UNECE Regulation 107.02 does not apply to:</p> <ul style="list-style-type: none"> (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. <p>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.</p> <p>11. A door other than a service door, may be fitted to the offside of a vehicle.</p> <p>12. UNECE Regulation 107.02, Annex 3, paragraph 7.6.7.6. In the case of:</p> <ul style="list-style-type: none"> (i) 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; (ii) 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. <p>13. Vehicles of Class I, II or III may, as an alternative to the table in UNECE Regulation</p>

<i>1 Requirement</i>	<i>2 Definitions and supplementary provisions</i>	<i>3 Exemptions and modifications</i>
		<p>107.02, Annex 3, paragraph 7.6.1.1, meet the requirements of Table 4.</p> <p>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.</p> <p>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.</p>
57. Front Underrun Protection		
1. The technical provisions of section 3 of Annex II to Directive 2000/40/EC		1. Does not apply to M ₂ , M ₃ , or O category vehicles.

Table 4

<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 ^(*)	2	1
>100	4	3	1

(*) indicates that the requirement differs from that of UNECE Regulation 107.02.