

STATUTORY RULES OF NORTHERN IRELAND

**1999 No. 454**

**Motor Vehicles (Construction and Use)  
Regulations (Northern Ireland) 1999**

**Part II**

**Construction, Equipment and Maintenance of Vehicles**

*C —*

*Wheels, Springs, Tyres and Tracks*

**Tyre loads and speed ratings**

**30.**—(1) Save as provided in paragraphs (3), (4), (8) and (9) any tyre fitted to the axle of a vehicle—

(a) which is a class of vehicle specified in an item in column 2 of Table I; and

(b) in relation to which the date of first use is as specified in that item in column 3 of that Table;

shall comply with the requirements specified in that item in column 4 of that Table.

**TABLE I**

(regulation 30(1))

(1) <i>Item</i>	(2) <i>Class of vehicle</i>	(3) <i>Date of first use</i>	(4) <i>Requirements</i>
1.	Vehicles which are of one or more of the following descriptions, namely— (a) goods vehicles, (b) trailers, (c) buses, (d) vehicles of a class mentioned in column 2 in Table III.	Before 1st April 1991	The requirements of paragraphs (5) and (6).
2.	Vehicles which are of one or more of the following descriptions, namely— (a) goods vehicles, (b) trailers,	On or after 1st April 1991	The requirements of paragraphs (5), (6) and (7).

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(1) <i>Item</i>	(2) <i>Class of vehicle</i>	(3) <i>Date of first use</i>	(4) <i>Requirements</i>
	(c) buses, (d) vehicles of a class mentioned in column 2 in Table III, with the exception of the vehicles specified in paragraph (2).		
3.	Vehicles of a class mentioned in paragraph (2).	On or after 1st April 1991	The requirements of paragraph (5).

(2) The classes of vehicle referred to in items 2 and 3 in column 2 of Table I are—

- (a) engineering plant;
- (b) track-laying vehicles;
- (c) vehicles equipped with tyres of speed category Q;
- (d) works trucks; and
- (e) motor vehicles with a maximum speed not exceeding 30 mph, not being vehicles of a class specified in—
  - (i) items 2 and 3 of, Table II; or
  - (ii) paragraph (8) or sub-paragraphs (a) to (d) of this paragraph;
or trailers while being drawn by such vehicles.

(3) Paragraph (1) shall not apply to any tyre fitted to the axle of a vehicle if the vehicle is—

- (a) broken down or proceeding to a place where it is to be broken up; and
- (b) being drawn by a motor vehicle at a speed not exceeding 20 mph.

(4) Where in relation to any vehicle first used on or after 1st April 1991 a tyre supplied by a manufacturer for the purposes of tests or trials of that type is fitted to an axle of that vehicle, paragraph (7) shall not apply to that tyre while it is being used for those purposes.

(5) The requirements of this paragraph are that the tyre, as respects strength, shall be designed and manufactured adequately to support the maximum permitted axle weight for the axle.

(6) The requirements of this paragraph are that the tyre shall be designed and manufactured adequately to support the maximum permitted axle weight for the axle when the vehicle is driven at the speed shown in column 3 in Table II in the item in which the vehicle is described in column 2 (the lowest relevant speed being applicable to a vehicle which is described in more than one item).

## TABLE II

(regulation 30(6))

(1)	(2)	(3)	(4) Variation to the load-capacity index expressed as a percentage	
<i>Item</i>	<i>Class of vehicle</i>	<i>Speed (mph)</i>	<i>(a) Tyres marked in accordance with ECE Regulation 30, 30.01 or 30.02 and relevant car tyres</i>	<i>(b) Tyres marked in accordance with ECE Regulation 54 and relevant commercial vehicle tyres</i>
1.	A vehicle of a class for which maximum speeds are prescribed by the Motor Vehicles (Speed Limits) Regulations (Northern Ireland) 1989(1) other than an agricultural motor vehicle.	The highest speed so prescribed	Single wheels: none.  Dual wheels: 95.5%	None.
2.	An electrically propelled vehicle used as a multi-stop local collection and delivery vehicle and having a maximum speed of not more than 25 mph.	The maximum speed of the vehicle	None	150%.
3.	An electrically propelled vehicle used as a multi-stop local collection and delivery vehicle and having a maximum speed of more than 25 mph and not more than 40 mph.	The maximum speed of the vehicle	None	130%
4.	An electrically propelled vehicle used only within a radius of 25 miles from the	The maximum speed of the vehicle	None	115%

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(1) <i>Item</i>	(2) <i>Class of vehicle</i>	(3) <i>Speed (mph)</i>	(4) Variation to the load-capacity index expressed as a percentage	
			<i>(a) Tyres marked in accordance with ECE Regulation 30, 30.01 or 30.02 and relevant car tyres</i>	<i>(b) Tyres marked in accordance with ECE Regulation 54 and relevant commercial vehicle tyres</i>
	permanent base at which it is normally kept and having a maximum speed of more than 40 mph and not more than 50 mph.			
5.	A restricted speed vehicle.	50	None	The relevant % variation specified in Annex 8 to ECE Regulation 54 or Appendix 8 to Annex II to Community Directive 92/23
6.	A low platform trailer, an agricultural motor vehicle, an agricultural trailer, an agricultural trailed appliance or an agricultural trailed appliance conveyor.	40	None	The relevant % variation specified in Annex 8 to ECE Regulation 54 or Appendix 8 to Annex II to Community Directive 92/23
7.	A municipal vehicle.	40	None	115%
8.	A multi-stop local collection and delivery vehicle if not falling within the class of vehicle described in items 2 or 3 above.	40	None	115%
9.	A light trailer or any trailer	60	Single wheels: 110%	The relevant variation

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(1) <i>Item</i>	(2) <i>Class of vehicle</i>	(3) <i>Speed (mph)</i>	(4) Variation to the load-capacity index expressed as a percentage	
			(a) Tyres marked in accordance with ECE Regulation 30, 30.01 or 30.02 and relevant car tyres	(b) Tyres marked in accordance with ECE Regulation 54 and relevant commercial vehicle tyres
	equipped with tyres of speed category F or G.		Dual wheels: 105%	specified in Annex 8 to ECE Regulation 54 or Appendix 8 to Annex II to Community Directive 92/23
10.	A trailer not falling in items 6 to 10.	60	Single wheels: none.  Dual wheels: 95.5%	None
11.	A motor vehicle not falling in items 1 to 11.	70	Single wheels: none  Dual wheels: 95.5%	None

(7) The requirement of this paragraph is that the tyre when first fitted to the vehicle was marked with a designated approval mark or complied with the requirements of ECE Regulation 30, 30.01, 30.02 or 54, but this requirement shall not apply to a retreaded tyre.

(8) The requirements of paragraphs (6) and (7) shall not apply to a tyre fitted to the axle of a vehicle of a class specified in an item in column 2 of Table III while it is being driven or drawn at a speed not exceeding that specified in that item in column 3 of that Table.

**TABLE III**

(regulation 30(8))

(1) <i>Item</i>	(2) <i>Class of vehicle</i>	(3) <i>Speed (mph)</i>
1.	Agricultural motor vehicles	20
2.	Agricultural trailers	20
3.	Agricultural trailed appliances	20
4.	Agricultural trailed appliance conveyors	20
5.	Works trailers	18

(9) Paragraph (10) applies where a tyre fitted to the axle of a vehicle—

- (a) bears a speed category symbol and load-capacity index, being marks that were moulded on to or into the tyre at the time that it was manufactured;
  - (b) is designed and manufactured so as to be capable of operating safely at the speed and load indicated by those marks; and
  - (c) is designed so as to be capable of being fitted to the axle of a vehicle of a class specified in item 1, 2, 3 or 4 in column 2 of Table III in paragraph (8).
- (10) In the circumstances mentioned in paragraph 9, paragraph (7) shall not apply to the tyre if—
- (a) the vehicle is being driven or drawn at a speed that does not exceed the speed indicated by the speed category symbol or 50 mph (whichever is the less), and
  - (b) the load on the tyre does not exceed the load indicated by the load capacity index.
- (11) A vehicle of a class described in column 2 in Table II first used on or after 1st April 1991 shall not be used on a road—
- (a) in the case where there is no entry in column 4 specifying a variation to the load-capacity index expressed as a percentage, if the load applied to any tyre fitted to the axle of the vehicle exceeds that indicated by the load-capacity index; or
  - (b) in the case where there is such an entry in column 4, if the load applied to any tyre fitted to the axle of the vehicle exceeds the variation to the load-capacity index expressed as a percentage.
- (12) In this regulation—
- “designated approval mark” means the marking designated as an approval mark by regulation 5 of the Approval Marks Regulations and shown at item 33 in Schedule 4 to those Regulations (that item being a marking relating to Community Directive 92/23);
- “dual wheels” means two or more wheels which are to be regarded as one wheel by virtue of paragraph 7 of regulation 2 in the circumstances specified in that paragraph;
- “load-capacity index” has the same meaning as in paragraph 2.28 of Annex II to Community Directive 92/23 or paragraph 2.29 of ECE Regulation 30.02 or paragraph 2.27 of ECE Regulation 54;
- “municipal vehicle” means a motor vehicle or trailer limited at all times to use by a district council, or a person acting in pursuance of a contract with a district council, for road cleansing, road watering or the collection and disposal of refuse, night soil or the contents of cesspools;
- “multi-stop local collection and delivery vehicle” means a motor vehicle or trailer used for multi-stop collection and delivery services to be used only within a radius of 25 miles from the permanent base at which it is normally kept;
- “single wheels” means wheels which are not dual wheels; and
- “speed category” has the same meaning as in paragraph 2.29 of Annex II to Community Directive 92/23 or paragraph 2.28 of ECE Regulation 54.
- (13) For the purposes of this regulation, a tyre is a “relevant car tyre” if—
- (a) it has been marked with a designated approval mark, and
  - (b) the first 2 digits of the approval number comprised in the mark are “02”.
- (14) For the purposes of this regulation, a tyre is a “relevant commercial vehicle tyre” if—
- (a) it has been marked with a designated approval mark, and
  - (b) the first 2 digits of the approval number comprised in the mark are “00”.
- (15) In this regulation any reference to the first use shall, in relation to a trailer, be construed as a reference to the date which is 6 months after the date of manufacture of the trailer.

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