

Roads and Maritime Services
Class 1 Load Carrying Vehicles Notice 2012

I, Peter Duncan, Chief Executive, Roads and Maritime Services, pursuant to Clause 12 of the Road Transport (Mass, Loading and Access) Regulation 2005 (the "Regulation"), exempt vehicles to which this Notice applies from the mass and dimension requirements prescribed in Schedule 1 to the Regulation, subject to the conditions set out in the Schedule to this Notice.

Peter Duncan
Chief Executive
Roads and Maritime Services

Schedule

Explanatory Note

This Notice replaces the General Class 1 Oversize (Load Carrying Vehicles) Notice 2007, that was published on 3 August 2007 in NSW Government Gazette No. 98 at pages 5509 - 5553 and all amendments made to that Notice.

PART 1 – PRELIMINARY

1.1 Citation

This Notice is the *Class 1 Load Carrying Vehicles Notice 2012*.

1.2 Commencement

This Notice has effect on and from 1 August 2012.

1.3 Effect

This Notice remains in force up to and including 31 July 2017 unless it is repealed earlier.

1.4 Interpretation

1.4.1 Unless stated otherwise in this Notice, words and expressions used in this Notice have the same meaning as those defined in the *Road Transport (General) Act 2005*.

1.4.2 Unless otherwise stated notes and diagrams in this Notice do not form part of the Notice.

PART 2 – APPLICATION OF NOTICE

2.1. Vehicles this Notice Applies to

2.1.1 This Notice applies to a heavy vehicle or heavy combination (including a low loader or load platform combination) and:

- (a) is specially designed for the carriage of a large indivisible item, or is carrying a large indivisible item, and
- (b) together with any load exceeds a dimension or a mass limit as prescribed in Schedule 1 of the Regulation or the Road Transport (Vehicle Registration) Regulation 2007 .

2.2 Vehicles this Notice Does Not Apply to

2.2.1 This Notice does not apply to:

- (a) a special purpose vehicles.
- (b) agricultural machines, agricultural implements or agricultural combinations.
- (c) a vehicle or combination:

- (i) that is a road train or B-double, or
- (ii) that is carrying a loaded or empty freight container designed for multi-modal transport.

PART 3 – DIMENSION

3.1 Dimension Limits

- 3.1.1 Subject to a 5.2 a vehicle or combination operating under this Notice must not exceed the dimension limits specified in Schedule 2 to the Regulation as set out in Table 1 of this Notice
- 3.1.2 Except where provided in Table 1 of this Notice the vehicle must comply with the dimensions specified in the Road Transport (Vehicle Registration) Regulation 2007.

Note: Any flags, lights or mirrors required on a vehicle, combination or load must be disregarded when measuring the dimensions of a vehicle or combination for the purposes of this Notice.

- 3.1.3 The centre lines of adjacent axles in an axle group on an overmass vehicle or combination must be at least 1.2 m apart.

Table 1: Maximum dimension limits

Vehicle	Height	Width	Length	Rear Overhang Limit
Loaded rigid motor vehicle	4.6m	3.5m	12.5m	Lesser of 3.7m or 60% of wheel base
Loaded combination consisting of a prime mover and a semi-trailer	4.6m	3.5m	25.0m	Lesser of 5.5m or 25% of trailer length
Loaded rigid vehicle and trailer combination	4.6m	3.5m	19.0m	Lesser of 3.7m or 60% of wheel base
Unloaded articulated low loader	4.6m	2.5m	25.0m	Lesser of 3.7m or 60% of wheel base
Unloaded articulated low loader with 8 tyres per axle	4.6m	2.7m	25.0m	Lesser of 3.7m or 60% of wheel base

Note:

- (a) If a load can be safely loaded in more than one way, it must be loaded in a way that minimises the width of the vehicle or combination and its load.
- (b) An unladen low loader, low loader dolly or jinker, with 4 tyres on each axle, must not be wider than 2.5 m.
- (c) An unladen low loader, low loader dolly or jinker, with 8 tyres on each axle, must not be wider than 2.7 m.

PART 4 – MASS

4.1. Mass limits

- 4.1.1 Notwithstanding the mass limits set out in this Part;
- (a) the total mass of a vehicle and any load must not exceed the vehicle's GVM; and
 - (b) the axle load must not exceed the limit set by its manufacturer.
- 4.1.2 The mass on a single axle or axle group described in Table 2 must not exceed the mass limit specified opposite its description in the Table if it is a combination consisting of a tandem drive prime mover towing:
- (a) a low loader, or
 - (b) a low loader dolly and a low loader, or
 - (c) a jinker, or
 - (d) a low loader dolly and a jinker.

Table 2

Single axle or axle group	Mass limit (tonnes)
Steer axle with 2 tyres	6.0
Twinsteer axle group without a load-sharing suspension system	10.0
Twinsteer axle group with a load-sharing suspension system	11.0
Single axle with 8 tyres	12.0
Tandem axle group with 8 or more tyres, not on a trailer	18.5
Tandem axle group with 8 or more tyres, on a trailer	18.5
Tandem axle group with 16 or more tyres, on a trailer	21.0
Tri-axle group with 12 or more tyres	25.0
Oversize tri-axle group with 12 or more tyres or quad axle group with 16 or more tyres	27.0

Note: An *oversize tri-axle group* means a group of 3 axles in which the horizontal distance between the centre lines of the outermost axles is more than 3.2 m.

- 4.1.3 When laden, if a low loader dolly is included in the combination the drive axle group must be at least 14 tonne.
- 4.1.4 The sum of the mass on each of the combination's single axles and axle groups must not exceed the sum of the mass limits specified for each of them in Table 2.
- 4.1.5 In addition, the total mass of the combination and any load must not exceed:
- (a) 49.5 tonnes if the distance between the centre-line of the rearmost axle of the towing vehicle and the centre-line of the foremost axle of the combination's rear axle group is 6 m or more, or
 - (b) 49.5 tonnes decreased by 1 tonne for every 0.3 m by which the distance referred to in paragraph (a) is less than 6 m.
- 4.1.6 The mass on an axle group or single axle must not exceed the relevant limit set by Schedule 1 to the Regulation if it is:
- (a) not described in Table 2, or
 - (b) on a load-carrying vehicle or combination except one described in subclause 4.1.2.

4.2 Mass limits relating to tyre width

- 4.2.1 In order to travel at the mass limits identified in Table 2, the applicable tyre width limits in Table 3 and Table 4 must be met.
- 4.2.2 Notwithstanding axle mass limits set out in Table 3 and Table 4, the steer axle mass must not exceed the steer axle mass set out in Table 2.
- 4.2.3 The mass on an axle fitted with tyres of a number and width described in Table 3 must not exceed the mass limit specified in the Table for that axle in relation to the narrowest tyre on the axle.

Table 3

Tyre width of the narrowest tyre on the axle (mm)		Mass limit if the axle has 2 tyres (tonnes)	Mass limit if the axle has 4 tyres (tonnes)
at least	but less than		
190	228	4.5	9.0
228	254	5.0	9.5

254	279	6.0	10.0
279	305	6.5	11.0
305	330	7.0	12.0
330	356	7.5	13.0
356	381	8.0	14.0
381	406	9.0	14.0
406	458	10.0	14.0
458	508	11.0	14.0
508		12.0	14.0

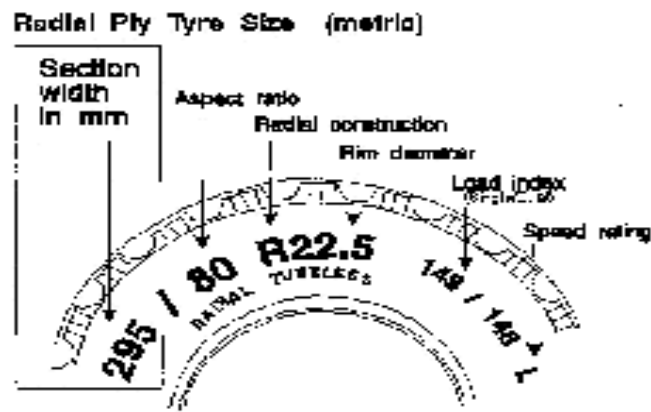
4.2.4 The mass on an axle group fitted with tyres of a number and width described in Table 4 must not exceed the mass limit specified in the Table for that axle group in relation to the narrowest tyre in the group.

Table 4

Tyre width of the narrowest tyre in the group (mm)		Mass limit for a tandem axle group with 4 tyres (tonnes)	Mass limit for a tri-axle group with 6 tyres (tonnes)
at least	but less than		
381	406	16.5	22.0
406	431	17.0	23.0
431	458	17.5	24.0
458	482	18.0	25.0
482	508	18.5	26.0
508		19.0	27.0

Note:

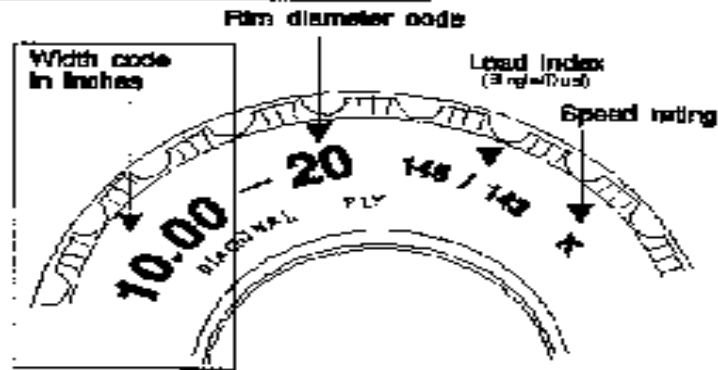
For the purpose of Tables 3 and 4, the tyre width of a radial ply tyre is the number of millimetres marked on the tyre in the position labelled “Section width in mm” on the diagram below.



Position of section width marking on radial ply tyre

For the purpose of Tables 3 and 4, the tyre width of a bias-type tyre is the number of millimetres equal to 25.4 times the number marked on the tyre in the position labelled “Width code in inches” on the diagram below.

Bias Ply Tyre Size (code)



Position of width code marking on diagonal or bias type tyre

If no section width or width code is marked on a tyre, the tyre width for the purposes of Tables 3 and 4 may be determined by measuring the width of the part of the tyre that normally comes into contact with the road surface.

Part 5 – MISCELLANEOUS

5.1 Operating Conditions:

- 5.1.1 A copy of this Notice (**excluding the APPENDICES**), must be carried in the driving compartment whenever the heavy combination is operating under this Notice and must be produced when the driver is requested to do so by a police officer or an authorised officer.
- 5.1.2 A heavy combination operating under this Notice must comply with the conditions set out in Appendix 1 of this Notice.

5.2 Approved Routes

- 5.2.1 An Oversize vehicle must only operate on an approved route or zone, as set out in Appendix 2 of this Notice and in accordance with any applicable travel conditions.
- 5.2.2 Notwithstanding the dimension limits set out in the Notice, travel on or through a limited access location is not permitted if the vehicle exceeds one or more of the limits that applies to a Limited Access Location as set out in this Appendix 2 of this Notice.
- 5.2.3 In addition to clause 5.2.1, a vehicle that exceeds 4.3 metres, but not 4.6 metres in height must only be operated on routes approved for 4.6 metre high vehicles as set out in the current 4.6 Metre High Vehicle Notice 2008.
- 5.2.4 An Overmass vehicle is not permitted to travel on:
 - (a) mass restricted bridges set out in Appendix 2 of this Notice; or
 - (b) on any road or bridge that has a mass limit imposed under Section 28 of the *Road Transport (General) Act 2005*.
- 5.2.5 Overmass and Oversize vehicles operating under this Notice must:
 - (a) only be operated in or on an approved travel zone or route as set out in Appendix 2 and in accordance with travel conditions that apply to a route or zone as set out in Appendix 2; andoperate in accordance with Clause 5.2.3 if the vehicle exceeds 4.3 metres in height; and
 - (b) must not operate on:
 - (i) a mass restricted bridge set out in Appendix 2 of this Notice; or
 - (ii) any road or bridge that has a mass limit imposed under Section 28 of the *Road Transport (General) Act 2005*.

END OF NOTICE