HEAVY VEHICLE NATIONAL LAW

New South Wales Class 3 Platform Container Exemption Notice 2018 (No.1)

1. Purpose
2. This Notice exempts heavy vehicle combinations transporting platform containers from certain mass and dimension requirements under the Heavy Vehicle National Law (HVNL). These exemptions are subject to conditions of operation, including approved network conditions, and the application of certain conditions from Schedule 8 of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation (MDL Regulation).
3. The purpose of the exemptions in this Notice is to allow heavy vehicle combination carrying loads on platform containers to travel to and from port facilities while carrying imported or goods for export without having to unload and reload in order to comply with prescribed mass and dimension requirements.

*Note: Carrying a load on a platform container is a standard method of transporting goods for import and export. By their nature, platform containers add to the mass and dimension of any load carried. This would normally require the unloading and reloading of a load (without a container) at a container freight station. Carrying loads on a platform container also provides load restraint and safety advantages that offset the mass and dimension exemptions provided in this Notice.*

1. Authorising Provision

This Notice is made under section 117 of the *Heavy Vehicle National Law* (HVNL).

1. Title

This Notice may be cited as the *New South Wales Class 3 Platform Container Exemption Notice 2018.*

1. Commencement

This Notice commences on the date of its publication.

1. Expiry

This Notice expires five years after publication.

1. Definitions
2. Unless otherwise stated, words and expressions used in this Notice have the same meanings as those defined in the HVNL.
3. In this Notice, the following words have the same meaning as in s116 of the HVNL:
4. large indivisible item; and
5. low loader
6. In this Notice, ***platform container*** has the same meaning as set out in Part 8: Platform containers, of the Australian Standard 3711.8, and includes:
7. Platform containers; and
8. Platform-based containers with either complete or incomplete superstructures;

 *Note: This definition contains container types commonly known as:*

* *Flat rack containers*
* *Open top Containers*
* *Bolsters*
1. In this Notice:

***closed quad-axle group (also denoted as “4 @ 1.2”)*** means a group of—

1. 4 axles at least 1.2m apart; where
2. the horizontal distance between the centre-lines of the outermost axles is not more than 4.9m.

***closed quin-axle group (also denoted as “5 @ 1.2”)*** means a group of

1. 5 axles at least 1.2m apart; where
2. the horizontal distance between the centre-lines of the outermost axles is not more than 4.9m.

***closed tandem axle group (also denoted as “2 @ 1.2”)*** means a group of—

1. 2 axles at least 1.2m apart; where
2. the horizontal distance between the centre-lines of the 2 axles is not more than 2.0m.

***closed tri-axle group (also denoted as “3 @ 1.2”)*** means a group of—

1. 3 axles at least 1.2m apart; where
2. the horizontal distance between the centre-lines of the outermost axles is not more than 3.2m.

***container safety approval plate*** has the same meaning as in the Marine Order 42 published by Australian Maritime Safety Authority.

***Guide*** means the *New South Wales Class 3 Platform Container Exemption Notice Operator’s Guide* published by the NHVR, as amended from time to time.

***Ground contact width*** means the distance between the outermost points of ground contact of the outside tyres on each end of an axle.



**Figure 1- Illustration of ground contact width of an axle**

***Multi-State Class 1 Load Carrying Vehicles Mass Exemption Notice*** means the current HVNL exemption Notice of that name published by the NHVR.

***Multi-State Class 1 Load Carrying Vehicles Dimension Exemption Notice*** means the current HVNL exemption Notice of that name published by the NHVR.

***Port*** has the same meaning as the *Ports and Maritime Administration Act (NSW)*.

***skel trailer*** means a trailer consisting of a frame with no load carrying deck designed for the transportation of multi-modal shipping containers, including platform containers.

***spread quad-axle group (also denoted as “4 @ 1.2, 2.4, 1.2”)*** means a group of 4 axles, where —

1. the distance between the 1st and 2nd axle is at least 1.2m; and
2. the distance between the 2nd and 3rd axle is at least 2.4m; and
3. the distance between the 3rd and 4th axle is at least 1.2m; and
4. the horizontal distance between the centre-lines of the outermost axles is not more than 4.9m.

***spread tandem axle group (also denoted as “2 @ 1.8”)*** means a group of—

1. 2 axles at least 1.8m apart; where
2. the horizontal distance between the centre-lines of the 2 axles is not more than 2.0m.

 ***spread tri-axle group*** means a group of—

1. 3 axles—
2. at least 1.8m apart (also denoted as “3 @ 1.8”); or
3. where the distance between the 1st and 2nd axle is at least 1.2m and the distance between the 2nd and 3rd axle is at least 2.4m (also denoted as “3 @ 1.2, 2.4”); or
4. where the distance between the 1st and 2nd axle is at least 2.4m and the distance between the 2nd and 3rd axle is at least 1.2m (also denoted as “3 @ 2.4, 1.2”); and
5. where the horizontal distance between the centre-lines of the outermost axles is not more than 3.7m.

 ***tandem drive axle group*** means a tandem axle group consisting of 2 axles.

1. Application
2. This Notice applies to an eligible combination operating in New South Wales that is:
3. transporting a load in or on a platform container for the purpose of import or export only; and
4. transporting one platform container only; and
5. travelling to or from a port; and
6. compliant with the conditions of this Notice; and
7. operating on a stated map or list specified or referenced in this Notice.
8. This Notice applies to an eligible combination whether loaded or unloaded.
9. Eligible combinations
10. An eligible combination under this notice is a tandem drive prime mover towing a:
11. low loader trailer; or
12. low loader dolly and low loader trailer; or
13. skel trailer or semi-trailer (operating up to 4.6m high and not exceeding prescribed mass limits).
14. Exemption- Dimension Requirements
15. An eligible combination operating under this Notice is exempt from the following dimension requirements of Schedule 6 of the *Heavy Vehicle (Mass Dimension and Loading) National Regulation* (the National Regulation):
16. section 3(1)(a) – Length—general; and
17. section 4(2) – Length—trailers; and
18. section 5(1)(a) and (b) - Length—rear overhang; and
19. section 7(1)—Width; and
20. section 8(d)—Height; and
21. sections 13(a)(ii) and 13(b)(ii)—Front and side projection of load.
22. Conditions – Dimensions
23. An eligible combination must not exceed:
24. a dimension limit mentioned in Table 1; or
25. for a combination described in section 8(1), a rear overhang limit mentioned in Table 2 or 25% of the length of the heavy vehicle, whichever is the lesser.

**Table 1 - Maximum dimension limits**

| **Vehicle** | **Width (m)** | **Length (m)** | **Height (m)** |
| --- | --- | --- | --- |
| Prime mover and trailer combination | 4.6 | 30.0 | 5.0 |

**Table 2 - Maximum rear overhang**

|  |  |
| --- | --- |
| **Length of vehicle and load (m)** | **Maximum rear overhang (m)** |
| **Over** | **Up to and including** |
| 22.0 | 25.0 | 5.5 |
| 25.0 | 26.0 | 6.5 |
| 26.0 | 27.0 | 6.8 |
| 27.0 | 28.0 | 7.0 |
| 28.0 | 29.0 | 7.3 |
| 29.0 | 30.0 | 7.5 |

1. A loaded vehicle higher than 4.6m must carry its load on an eligible trailer with a deck height no more than 1.0m above the ground.
2. Exemptions - Mass
3. This Notice exempts an eligible combination to which this Notice applies from the following mass requirements in Schedule 1 of the MDL National Regulation to the extent provided in this Notice, including its Schedules:
4. section 2(1)(a)(iv) and (v)– Mass limits for a combination; and
5. section 4 as it relates to the mass limits specified in, Table 1 (Axle mass limits table) of Part 2, for the following axle groups:
6. a tandem axle group fitted with dual tyres on all axles (16.5t); and
7. a tri-axle group fitted with dual tyres on all axles (20.0t); and
8. a quad axle group fitted with dual tyres on all axles (20.0t); and
9. section 5 (1) – Mass limits relating to axle spacing generally.
10. This section does not apply to a combination consisting of a prime mover towing either a skel trailer or a semi-trailer.
11. Conditions – Mass (maximum mass of an eligible combination)
12. The gross combination mass of an eligible combination must not exceed:
13. 77.5t, if the vehicle is fitted with any axle group with 4 tyres on each axle;
14. 100.0t if the vehicle is fitted with any axle group with 8 tyres on each axle.
15. Conditions - Axle and axle group mass limits for a low loader dolly or low loader
16. The mass on a single axle dolly with 4 tyres must not be more than 9.0t.
17. The mass on a tandem axle dolly with 4 tyres on each axle must not be more than 18.5t.
18. The mass on an axle group of a low loader dolly with 8 tyres on each axle must not be more than the relevant mass limit determined by the application of Table 3.

Table 3 - Mass limits for 8-tyred single axle or tandem axle group low loader dolly

| Minimum dolly ground contact width (m) | Maximum axle massfor a single axle dollyand 8 tyres per axle (t) | Maximum axle group mass for a tandem axle dollyand 8 tyres per axle (t) |
| --- | --- | --- |
| 2.4 | 12.0 | 21.0 |
| 2.6 | 13.0 | 21.0 |
| 2.8 | 14.0 | 22.0 |
| 3.0 | 16.0 | 24.0 |
| 3.2 | 17.0 | 26.0 |
| 3.4 | 18.0 | 27.0 |
| 3.6 | 18.0 | 28.0 |
| 3.8 | 18.0 | 30.0 |
| ≥4.0 | 18.0 | 31.0 |

1. The mass on an axle group of a low loader must not be more than the mass limit stated in Table 4, for the stated axle group configuration and minimum axle group ground contact width specified.

Table 4 - Mass limits for low loader axle groups

| Minimum axle group ground contact width (m) | Number and spacing of axles in axle group (spacing in metres) |
| --- | --- |
| 2 @ 1.22 @ 1.8 | 3 @ 1.2 | 3 @ 1.8,3 @ 1.2, 2.4,3 @ 2.4, 1.2 | 4 @ 1.2 | 4 @ 1.2, 2.4, 1.2, or5 @ 1.2 |
| 4 tyred axle mass limit (t) |
| 2.4 | 18.5 | 25 | 27 | 30 | 35 |
| 8 tyred axle mass limit (t) |
| 2.4 | 21 | 25 | 27 | 30 | 35 |
| 2.6 | 21 | 26 | 29 | 31.5 | 36 |
| 2.7 | 21 | 27 | 31 | 33 | 37 |
| 2.8 | 22 | 28 | 33 | 34 | 39 |
| 2.9 | 22  | 29 | 34 | 35 | 40 |
| 3.0 | 24  | 30 | 36 | 36 | 41 |
| 3.1 | 24  | 31 | 37 | 37 | 42 |
| 3.2 | 26  | 32 | 39 | 39 | 43 |
| 3.3 | 26  | 33 | 40 | 40 | 44 |
| 3.4 | 27  | 34 | 41 | 41 | 46 |
| 3.5 | 27  | 35 | 42 | 42 | 47 |
| 3.6 | 28  | 36 | 43 | 43 | 48 |
| 3.7 | 28  | 37 | 44 | 44 | 49 |
| 3.8 | 30  | 38 | 45 | 45 | 50 |
| 3.9 | 30  | 39 | 46 | 46 | 51 |
| 4.0 | 31  | 40 | 47 | 47 | 52 |
| 4.1 | 31  | 40 | 48 | 48 | 53 |
| 4.2 | 31  | 40 | 48 | 49 | 54 |

1. Conditions – Axle Spacing
2. For a prime mover and low loader combination, the distance from the centre-line of the rear most axle of the prime mover to the centre-line of the foremost axle of the low loader must not be less than 6.0m.
3. For a prime mover, low loader dolly and low loader combination, the distance from the centre-line of the rear most axle of the prime mover to the foremost axle of the low loader dolly fitted with 4 tyres on each axle must not be less than 2.6m.
4. For a prime mover, low loader dolly and low loader combination, the distance from the centre-line of the rear most axle of the prime mover to the foremost axle of the low loader dolly fitted with 8 tyres on each axle must not be less than 3.2m.
5. For a prime mover, low loader dolly and low loader combination, the distance from the centre-line of the rear most axle of the low loader dolly to the centre-line of the foremost axle of the low loader must not be less than 6.0m.
6. Conditions – Stated maps and lists
7. An eligible combination operating under this Notice may only access the following network when traveling to or from a port for the purpose of import/export:

*‘NSW Oversize Overmass Load Carrying Vehicles Network’*

1. Access to the network in 1) is limited to State controlled roads and roads managed by Road Managers listed in the “Participating Road Manager” section of the Guide.
2. An eligible combination operating under this Notice that is more than 4.3m high may only operate on a route that is also approved for 4.6m high vehicles as displayed on the ‘NSW Oversize Overmass Load Carrying Vehicles Network’ map.

*Note: The list of Participating Road Managers is provided in the NSW Class 3 Platform Exemption Notice Operators Guide- Appendix 1 which may be updated from time to time.*

*To be clear, this section means that only roads managed by a Participating Road Manager AND are on the ‘NSW Oversize Overmass Load Carrying Vehicle Network’ may be accessed under this section.*

*The ‘NSW Oversize Overmass Load Carrying Vehicle Network’ contains both State controlled and local Road Manager controlled roads (eg: Local Government roads).*

1. Conditions – General dimension conditions for load carrying vehicles
2. An eligible combination operating under this notice must comply with the General Conditions set out in the New South Wales Schedule of the *Multi-State Class 1 Load Carrying Vehicles Dimension Exemption Notice*.
3. In addition to the requirements in 1), an eligible combination operating under this notice must comply with the following conditions:
4. All goods carried by the eligible combination must be loaded on the single platform container allowed in s7(1)(b).
5. A platform container may be loaded with more than one large indivisible item provided the additional large indivisible items do not exceed height or width dimensions that would not be exceeded if the platform container carried only one large indivisible item.
6. A platform container loaded with one or more large indivisible items in conjunction with other goods must not allow the goods not considered indivisible to exceed the regulatory height and width dimensions when loaded on the platform container.
7. For goods being carried on a platform container that do not trigger a dimension exemption, they must be contained within the platform container at regulatory height and width dimensions.

*Note: Under the HVNL, items that are normally considered to be large, indivisible or are otherwise unusual may be considered “goods”.*

1. Conditions - Pilots and escorts
2. An eligible combination operating under this notice must comply with the pilot and escort conditions for a combination of the same dimensions set out in the New South Wales Schedule of the *Multi-State Class 1 Load Carrying Vehicle Dimension Exemption Notice*.
3. Conditions - General mass conditions for load carrying vehicles
4. An eligible combination operating under this notice must comply with the general conditions set out in the New South Wales Schedule of the *Multi-State Class 1 Load Carrying Vehicle Mass Exemption Notice*.
5. Conditions - Carriage of documents
6. The driver of an eligible combination operating under this Notice must carry documentation that complies with the requirements of the *“Import/Export Documentation”* section of the Guide.
7. Conditions - Special requirements relating to indivisible items
8. an eligible combination must only:
	1. carry a maximum of one platform container; and
	2. if carrying more than one large indivisible item on a platform container, the mass of the container and the load together must not exceed the gross container mass as stated on the container safety approval plate.
9. Conditions – Application of Schedule 8 of the MDL Regulation
10. An eligible combination operating under this Notice must comply with the following conditions from Schedule 8 of the Heavy Vehicle (Mass Dimension and Loading) National Regulation:
11. Part 1;
12. Division 1 - All
13. Division 2 - Section 12 and 14
14. Division 5 - All
15. Part 3 - All

*Note: Section 13 of Schedule 8 is specifically not applied by this section. However, a modified version of the conditions in s13 of Schedule 8 are applied in s16(2) of this Notice.*

Peter Caprioli

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**National Heavy Vehicle Regulator**