HEAVY VEHICLE NATIONAL LAW

National Class 2 Road Train Authorisation Notice 2025 (No.1)

1. Purpose

The purpose of this notice is to authorise access for Class 2 road trains that meet the requirements of this notice.

Note: This notice provides access for specified Class 2 road trains under the Heavy Vehicle National Law (HVNL). Not all road trains under the HVNL are granted access under this notice. For example, a road train that exceeds regulation mass and dimension limits (and is therefore Class 3) does not have access under this notice.

The National Class 2 Road Train Authorisation Notice Operator’s Guide (Guide) provides general information and specified area and routes conditions for eligible road trains. It also includes information on other requirements for road trains, including vehicle standards. The Guide is maintained and published by the National Heavy Vehicle Regulator (NHVR).

1. Authorising Provision

This notice is made under section 138 of the Heavy Vehicle National Law (HVNL).

1. Title

This notice may be cited as the *National Class 2 Road Train Authorisation Notice 2025 (No.1).*

1. Commencement

This notice commences on 4 June 2025.

1. Expiry

This notice expires on 3 June 2030.

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:

**A-double** means a heavy combination not longer than 36.5m consisting of a prime mover towing two trailers in which:

1. the first semitrailer is connected to the prime mover by a roll coupled connection; and
2. the second trailer is a dog trailer.

**A-triple** means a heavy combination consisting of a prime mover towing three trailers in which:

1. the first semitrailer is connected to the prime mover by a roll coupled connection; and
2. the second and third trailers are dog trailers.

**AB-triple** means a heavy combination consisting of a prime mover towing three trailers in which:

1. the first semitrailer is connected to the prime mover by a roll coupled connection; and
2. the second trailer is a dog trailer; and
3. the third trailer is a semitrailer that is connected to the second trailer by the roll coupled connection on the second.

**ABB-quad** means a heavy combination consisting of a prime mover towing four trailers in which:

1. the first trailer is a semitrailer and connected to the prime mover with a roll coupled connection; and
2. the second trailer is a dog trailer; and
3. the third trailer is a semitrailer connected to the second by a roll coupled connection; and
4. the fourth trailer is a semitrailer connected to the third by a roll coupled connection.

**B-triple** means a heavy combination not longer than 36.5m consisting of a prime mover towing three semitrailers in which each semitrailer is connected to its towing vehicle with a roll coupled connection.

**B-triple (modular)** means a heavy combination not longer than 35m consisting of a B-triple in which:

1. the combination can form a compliant B-double if any one semitrailer is removed; and
2. the distance from the articulation point of the first trailer to the rear of the combination is no longer than 29.6m; and
3. the prime mover is rated by the manufacturer for a startability of 10 per cent and a gradeability of 12 per cent; and
4. the prime mover is capable of maintaining a minimum speed of 70km/h on a one per cent grade at a Gross Combination Mass (GCM) rating of 84.5t; and
5. the prime mover must have an engine with a maximum power output of not less than 370 kW (500 horsepower).

**BAB-quad** meansa heavy combination consisting of a prime mover towing four trailers in which:

1. the first trailer is a semitrailer connected to the prime mover with a roll coupled connection; and
2. the second trailer is a semitrailer connected to the first by a roll coupled connection; and
3. the third trailer is a dog trailer connected to the second with a converter dolly; and
4. the fourth trailer is a semitrailer and connected to the third with a roll coupled connection.

**Converter dolly** means a converter dolly with a roll coupled connection to the vehicle it is towing.

**Dog trailer** means:

1. A dog trailer as defined in the Heavy Vehicle (Vehicle Standards) National Regulation; or
2. A trailer that consists of a semitrailer and a converter dolly.

**Guide** means the National Class 2 Road Train Authorisation Notice Operator’s Guide, maintained by the NHVR and published on its website. The Guide contains general explanatory material, but also contains road and travel conditions that may apply to specific networks provided under this notice.

**Participating jurisdiction** means New South Wales, Queensland, South Australia or Victoria.

**Prime mover** means a prime mover that:

1. has a tandem drive axle; and
2. has a roll coupled connection to the vehicle it is towing; and
3. is not a truck.

**Rigid truck combination** means a rigid truck towing two dog trailers.

**Roll coupled connection** means a coupling assembly on a vehicle, including a trailer, designed to connect and provide for articulation between it and another vehicle that:

1. limits roll between the trailer and towing unit; and
2. where on a vehicle for connection to the towed unit - has a coupling point that is above or forward of its rear axle group.

*Note: A roll coupled connection is a type of coupling between two vehicles intended to provide improved stability.*

*This definition specifically allows permanent or semi-permanent couplings or connections between towing units and trailers.*

**Type-1 Road Train** means one of the following combinations as defined under this notice:

1. A-double; or
2. AB-triple up to 36.5m in length; or
3. B-triple; or
4. B-triple (modular); or
5. In New South Wales a rigid truck combination up to 36.5m in length.

**Type-2 Road Train** means one of the following combinations as defined under this notice:

1. A-triple; or
2. AB-triple up to 44m in length; or
3. ABB-quad; or
4. BAB-quad; or
5. rigid truck combination up to 47.5m in length.
6. Application
7. This notice applies to a road train that is a Class 2 road train under section 136 of the HVNL that is:
8. a combination defined in this notice; and
9. complies with the conditions of this notice; and
10. complies with the conditions of the schedule of the participating jurisdiction in which it is operating.
11. This notice does not apply to:
12. a road train that includes a prime mover with a tri-axle drive group; or
13. a rigid truck combination that includes a tri-drive group.
14. A vehicle to which this section applies is an eligible road train.
15. Authorisation - Stated areas or routes
16. Pursuant to section 138 of the HVNL, an eligible road train is authorised to access stated maps set out in the schedule of the participating jurisdiction.
17. An eligible vehicle accessing a stated map under a schedule of this notice must comply with conditions specified for that map in:
18. the body of this notice; and
19. the schedule in which the stated area or route is prescribed; and
20. the network access section of the Guide; and
21. on the map or stated area or route itself.
22. A reference to a network in this notice is a reference to a stated area or route.
23. Conditions - Stated hours of stated days

Eligible road trains may use stated areas or routes at any time unless specified otherwise as a travel condition on the stated map or stated list.

1. Conditions – Schedules

An eligible road train operating under this notice must comply with any further conditions set out in the schedules for a relevant participating jurisdiction.

Jose Arredondo

Manager Network Access Policy

**National Heavy Vehicle Regulator**

Schedule 1 New South Wales

1. Application
2. This schedule applies in New South Wales.
3. This schedule applies in New South Wales even if part of the journey includes routes and areas in another state or territory.
4. Areas and Routes – Stated maps
5. An eligible road train of the category described in Column 1 of Table 1 may use the network maps stated in Column 2 of *Table 1 New South Wales Networks for Road Trains*:

**Table 1 New South Wales Networks for Road Trains**

|  |  |
| --- | --- |
| **Column 1** | **Column 2** |
| **Combination Type** | **Network Map** |
| 36.5m long A doubles | GML & CML Type 1 A-double Network |
| 35m long B-triple (Modular) | GML & CML Modular B-Triple |
| 36.5m B-Triple | GML & CML B-Triple |
| 36.5m AB-Triple | GML & CML AB-Triple |
| 36.5m Rigid Truck Combination | GML Type 1 Rigid Truck and Two Dog Trailers |
| Type 2 Road Train | GML &CML Type-2 A-triple |

*Note: Links and descriptions of these routes may be found in the Guide*

1. An eligible road train that has access to a network in Table 1 must comply with any vehicle, road or travel conditions applied to it by the network map as amended from time to time.
2. An eligible road train operating on a stated map under this section must comply with all vehicle, travel and road conditions for that network, and any other conditions pursuant to section 8 of the notice.

*Note: The network map, or the Guide, may contain conditions that only apply to particular sections of the network, or only at particular times.*

1. An eligible road train that is a Type 1 combination consisting of a rigid truck and two trailers must not exceed 79t on the approved network listed in (1).
2. An eligible road train that is a Type 1 A-Double transporting livestock must be fitted with a tri-axle converter dolly and the converter dolly must not exceed General Mass Limits when operating east of the Newell Highway.
3. Conditions – Anti-Lock Braking Systems

A prime mover in a B-Triple or AB-Triple combination must have an anti-lock braking system complying with the third edition Australian Design Rule 64.

Schedule 2 Queensland

1. Application
2. This schedule applies in Queensland.
3. This schedule applies in Queensland even if part of the journey includes routes and areas in another state or territory.
4. Areas and Routes – Stated maps
5. An eligible road train of the category described in Column 1 of Table 1 may use the network maps stated in Column 2 of *Table 1 Queensland Networks for Road Trains*:

**Table 1 Queensland Networks for Road Trains**

|  |  |
| --- | --- |
| **Column 1** | **Column 2** |
| **Combination Type** | **Network Map** |
| Type 1 Road Train, up to 36.5m in length | RT1 route (Road Train Type 1 network)  RT2 route (Road Train Type 2 network) |
| Type 2 Road Train, up to 53.5m in length | RT2 route (Road Train Type 2 network) |

*Note: Links and descriptions of these routes may be found in the Guide.*

1. An eligible road train that has access to a network in Table 1 must comply with any vehicle, road or travel conditions applied to it by the network map as amended from time to time.
2. An eligible road train operating on a stated map under this section must comply with all vehicle, travel and road conditions for that network, and any other conditions pursuant to section 8 of the notice.

*Note: The network map, or the Guide, may contain conditions that only apply to particular sections of the network, or only at particular times.*

1. Conditions – Quad axle group restriction

An eligible road train operating under this schedule may not have a quad axle group on any of its components when operating on a State controlled road.

Schedule 3 South Australia

1. Application
2. This schedule applies in South Australia.
3. This schedule applies in South Australia even if part of the journey includes routes and areas in another state or territory.
4. Areas and Routes – Stated maps
5. An eligible road train of the category described in Column 1 of Table 1 may use the network maps stated in Column 2 of *Table 1 South Australia Networks for Road Trains*:

**Table 1 South Australia Networks for Road Trains**

|  |  |
| --- | --- |
| **Column 1** | **Column 2** |
| **Combination Type** | **Network Map** |
| 30.0m A-double (Type 1 Road Train) | 30.0m Road Train (GML)  Commodity Routes – Road Train |
| 36.5m A-double (Type 1 Road Train)  35.0m B-triple (Modular) (Type 1 Road Train)  36.5m B-triple (Type 1 Road Train)  Eligible rigid truck combination (Type 1 Road Train) | 36.5m Road Train (GML)  Commodity Routes – Road Train |
| 36.5m AB-Triple (Type 1 Road Train)  36.5m BA-triple | PBS Routes Level 3A |
| 42m AB-triple (Type 2 Road Train)  42m BA-Triple | PBS Routes Level 3B |
| Other eligible type 2 road trains  BA-triple up to 44.0m long | 53.5m Road Train (GML) |

*Note: Links and descriptions of these routes may be found in the Guide.*

1. In this section, ***BA-triple*** means a heavy combination consisting of a prime mover towing three trailers in which:
2. the first semitrailer is connected to the prime mover by a roll coupled connection; and
3. the second trailer is a semitrailer that is connected to the second trailer by the roll coupled connection on the second; and
4. the third trailer is a dog trailer.
5. An eligible road train that has access to a network in Table 1 must comply with any vehicle, road or travel conditions applied to it by the network map as amended from time to time.
6. An eligible road train operating on a stated map under this section must comply with all vehicle travel and road conditions for that network, and any other conditions pursuant to section 8 of the notice.

*Note: The network map, or the Guide, may contain conditions that only apply to particular sections of the network, or only at particular times.*

1. Before operating on a stated area or route the operator of an eligible vehicle must meet any requirements made by another law that is relevant to operating that vehicle on that stated area or route.

Schedule 4 Victoria

1. Application
2. This schedule applies in Victoria.
3. This schedule applies in Victoria even if part of the journey includes routes and areas in another state or territory.
4. Areas and Routes – Stated maps
5. An eligible road train of the category described in Column 1 of Table 1 may use the network maps stated in Column 2 of *Table 1 Victoria Networks for Road Trains*:

**Table 1 Victoria Networks for Road Trains**

|  |  |
| --- | --- |
| **Column 1** | **Column 2** |
| **Combination Type** | **Network Map** |
| 36.5m A-double | Victoria’s Gazetted Road Train Network |

*Note: Links and descriptions of these routes may be found in the Guide.*

1. An eligible road train that has access to a network in Table 1 must comply with any vehicle, road or travel conditions applied to it by the network map as amended from time to time.
2. An eligible road train operating on a stated map under this section must comply with all vehicle, travel and road conditions for that network, and any other conditions pursuant to section 8 of the notice.

*Note: The network map, or the Guide, may contain conditions that only apply to particular sections of the network, or only at particular times.*

1. Before operating on a stated area or route the operator of an eligible vehicle must meet any requirements made by another law that is relevant to operating that vehicle on that stated area or route.
2. Condition – Restriction on converter dolly axles in Victoria

An eligible road train operating under this schedule must not include a converter dolly with a tri-axle group.