

B-Triple / AB-Triple Certification Form



CERTIFIER'S DETAILS

Name:		ACN:	
Address:		Phone:	
Post Code:		Fax:	
Contact Person:		E-mail:	
		RTA Signatory Code:	

REGISTERED OWNER'S DETAILS

Name:		ACN:	
Address:		Phone:	
Post Code:		Fax:	
Contact Person:			

TYPE OF COMBINATION

B-Triple / AB-Triple (delete which ever is not applicable)

DETAILS OF VEHICLES

PRIME UNIT

Plate:		State:	
Make & Model:		GCM:	
VIN / Chassis:		GVM:	

TRAILING UNITS [including converter dolly if applicable]

Trailing Unit(1)

Plate:		State:	
Make:		GTM:	
VIN / Chassis:			

Trailing Unit(2)

Plate:		State:	
Make:		GTM:	
VIN / Chassis:			

Trailing Unit(3)

Plate:		State:	
Make:		GTM:	
VIN / Chassis:			

Trailing Unit(4)

Plate:		State:	
Make:		GTM:	
VIN / Chassis:			

CERTIFIER'S DECLARATION

I hereby declare that all particulars contained herein are correct and certify that the prime mover and all trailers identified above, comply with all construction, dimension, mass and operational standards that are set out in Attachment A and relevant Australian Design Rules (ADRs).

Certifier's signature: _____ Date: _____

Print Name: _____

NSW Signatory Code: _____

Maximum dimension limits

External dimensions

A B-Triple or AB-Triple combination, when laden or unladen, must not be more than:

- ▶ 36.5 metres long (including bullbar and other after-market fittings);
- ▶ 4.3 metres high or up to 4.6 metres high if complying with the *4.6 Metre High Vehicle Route Notice 2008*,
or
- ▶ 2.5 metres wide.

Internal dimensions

Kingpin-to-rear dimension

The distance from centreline of the king-pin of the first trailer to the rear of the combination must not exceed **31.6 metres**.

Drawbar

For an AB-Triple the draw bar length must be **more than 3 metres and no more than 5 metres**

Note:
B-Triples do not have draw bars

Maximum deck length - combinations transporting livestock

The maximum deck length for a B-Triple or AB-Triple transporting livestock is **28.2 metres**, which is defined as the total deck space for loading livestock, between external walls of the stock crates, excluding any provisions of pens.

Compliance with Australian Design Rule (ADR) 43 dimensions

Each component vehicle of a B-Triple or AB-Triple must comply, in its own right, with the requirements of Third Edition Australian Design Rule (ADR) 43.

A semi-trailer operated under the NSW *Class 3 Semi-trailer Exemption Notice 2008*, cannot be operated as part of B-Triple or AB-Triple.

Suspension requirements and tyre configuration

Road-friendly air suspension certified in accordance with Vehicle Standards Bulletin 11 and dual tyre axles (4 tyres per axle) must be fitted to all axle groups of B-Triple and AB-Triple trailers, except for the steer axle of the prime mover.

Compliance with standards

All component vehicles of a B-Triple or AB-Triple combination must comply with the applicable requirements of Schedule 2 of the *Road Transport (Vehicle Registration) Regulation 2007*.

The prime mover of the combination must comply with ADR 64 "*Heavy Goods Vehicles Designed for Use in Road Trains and B-Doubles*" and each trailer of the combination must comply with ADR63 "*Trailers Designed for Use in Road Trains*".

Prime mover power requirements

The minimum power required of a B-Triple or AB-Triple hauling unit must be capable, when operating at the manufacturer's nominated Gross Combination Mass (GCM), of:

- ▶ starting movement on a 12% gradient; and
- ▶ capable of maintaining a constant speed of 70km/h on a 1% gradient.

Braking requirements

The braking requirements in these operating requirements apply in addition to the braking system requirements that apply to all heavy vehicles.

A prime mover used in a B-Triple or AB-Triple combination must have an anti-lock brake system that complies with Australian Design Rules 64.

A semi-trailer, regardless of its date of manufacture, must have an anti-lock braking system that meets the requirements of ADR 38, if:

- ▶ it is being used in a B-Triple or AB-Triple that includes a road tank vehicle, whether or not the semi-trailer is itself a road tank vehicle, and
- ▶ the road tank vehicle carries dangerous goods.
- ▶ Otherwise, the B-Triple or AB-Triple combination must comply with the requirements of Section 5.5 "Braking requirements for road train or component of road train" of the *General Notice for the Operation of Road Trains 2005*.

Coupling Requirements

A B-Triple or AB-Triple must have a minimum D-rating of 162kN for all kingpins, fifth wheel couplings, automatic pin couplings and 186kN for a drawbar-type coupling or drawbar eye (where applicable).

A B-Triple or AB-Triple must comply with all other requirements set out in Section 5.6 "*Coupling requirements*" of the *General Notice for the Operation of Road Trains 2005*.

Spray suppression devices

Spray suppression devices must be fitted to all axle groups and single axles of a B-Triple or AB-Triple.

The spray suppression devices must be certified as complying with the requirements of British Standard AU 200 – 1984, Parts 1 and 2.

Speed limiting

A B-Triple or AB-Triple must comply with the speed limiting requirements of the Third Edition ADR 65 and must be speed limited so that it has a maximum road speed capability of 90 km/h.

Tracking performance

When travelling in a straight line on a level, smooth surface, all units in a B-Triple or AB-Triple combination must track in the path of the hauling unit without shifting or swerving more than 100mm either side of the path of the hauling unit.