

Description of Heavy Vehicle / Trailer

For use with Application for Registration, Application for Transfer of Registration and for changing the nominated configuration for all vehicles over 4.5 tonnes Gross Vehicle Mass (GVM).

One form must be filled in for each vehicle or trailer

You must attend a motor registry and provide Proof of Identity when submitting this form.

The registered operator or a representative must complete the form in full. A representative must fill in their details after the customer declaration at 5 and provide proof of their identity.

1. Registered name

Name

Nominated representative's name

2. Vehicle details

Registration plate number (if issued)

Make

VIN/Chassis number

GVM on compliance plate

 kg

Note: You must check the compliance plate on the vehicle.

If no compliance plate or vehicle is modified, give the operating GVM

 kg

Note: A Special Purpose Vehicle (SPV) may have a GVM the same as the tare weight if it has no carrying capacity.

Gross Combination Mass (GCM) on compliance plate (if applicable)

 kg

Number of seated adults including the driver (buses only)

3. Nominated configuration (select one only)

(see section A on pages 2, 3, 4 and 5 for nominated configurations)

Rigid truck (no trailers) <input type="checkbox"/>	RT0	B-double lead trailer <input type="checkbox"/>	LTR
Truck Short combination <input type="checkbox"/>	RT1	B-triple lead trailer <input type="checkbox"/>	LTR
Truck Medium combination <input type="checkbox"/>	RT2	B-triple middle trailer <input type="checkbox"/>	LTR
Truck Long combination <input type="checkbox"/>	RT3	Converter dolly <input type="checkbox"/>	YTR
Prime mover Short combination <input type="checkbox"/>	PM1	Low loader dolly <input type="checkbox"/>	YTR
Prime mover Multi combination <input type="checkbox"/>	PM2	Bus <input type="checkbox"/>	BUS
Pig trailer <input type="checkbox"/>	PTR	Special Purpose Vehicle (SPV) (Type P) <input type="checkbox"/>	SPP
Dog trailer <input type="checkbox"/>	DTR	Special Purpose Vehicle (SPV) (Type T) <input type="checkbox"/>	SPT
Semi / Tail trailer <input type="checkbox"/>	STR	Special Purpose Vehicle (SPV) (Type O) <input type="checkbox"/>	SP2

4. Axle code

Axle code (see section B on page 6 for Axle codes)

If the axle group has non standard axle spacings tick here

5. Declaration

Please read carefully before you sign.
You could be prosecuted if you provide incorrect information.

I declare that the information given is complete, true and correct in every detail and any registration label on the vehicle will be destroyed and replaced with the new label. I acknowledge that, before the vehicle can be operated at a higher configuration than nominated, an adjustment to the registration must be made. The person named below is my authorised representative (if applicable).
Signature of applicant

Date

Important notes:

- Nominated configuration codes are checked by Authorised Officers for compliance purposes.
- A vehicle may be operated at a lesser configuration than nominated, but cannot be operated at a higher configuration.
- It is an offence to provide false or misleading declarations under road transport legislation. Maximum penalties of \$2,200 apply.

Representative's details

NSW Driver licence/Customer number

Date of birth

Surname

Given names

Address

Representative's signature

Roads and Maritime office use Proof of identity

Stand alone or primary proof

Document number

Licence number

Document number

CSO signature

Staff number

Date

Section A - Nominated configuration

Registration charges for heavy vehicles and trailers are calculated according to the vehicle's type, GVM/GTM, the number of axles, and vehicle's nominated configuration. The nominated configuration for a truck or prime mover refers to the combination of the hauling unit and trailers. **You must nominate the highest configuration at which you intend to operate the vehicle.** The illustrations below represent examples of typical vehicles for each configuration.

Roads and Maritime Services applies registration fees in addition to the registration charges.
 An administrative fee is also applied to a registration effected for a period of less than one year.
Fees are available from the Roads and Maritime website at: rms.nsw.gov.au/heavyvehicles/registration/heavyvehiclecharges.html or from our Contact Centre on 13 22 13.

When nominating a configuration:

- a trailer with a Gross Trailer Mass Rating (GTMR) or Aggregate Trailer Mass (ATM) 4.5 tonnes or less is not counted in the combination (eg a truck pulling this type of trailer is a rigid truck not a short combination truck).
- a converter dolly and a semi-trailer used in combination must be treated as two separate trailers for registration and charging purposes.
- SPV trailers are not included in a combination.
- a tow truck when towing another vehicle in its capacity as a tow truck, is to be treated as a rigid truck, if when not towing another vehicle it is a rigid truck. This does not include a prime mover fitted with a fifth wheel (turntable).

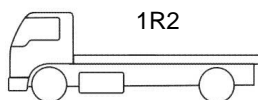
Truck configurations Trailers are registered separately to trucks. A self propelled plant vehicle that is not an SPV, must be nominated as a truck configuration.

Rigid truck

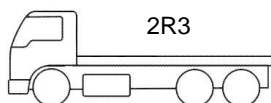
(no trailers over 4.5t GTMR)

A truck nominated not to haul a trailer over 4.5t GTMR at any time. The difference between type 1 and type 2 is the lower GVM limits. Including truck based plant that are not SPVs.

Type 1 (lower GVM limit)



Type 2 (higher GVM limit)



No. of truck axles	GVM up to	Config code
2	12.0t	1R2
3	16.5t	1R3
4+	20.0t	1R4

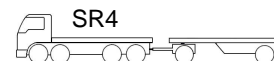
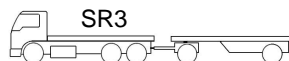
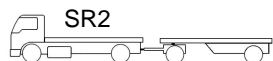
No. of truck axles	GVM over	Config code
2	12.0t	2R2
3	16.5t	2R3
4+	20.0t	2R4

Short combination truck

(up to and including 6 axles in combination and 42.5 tonnes or less)

A truck nominated to haul one trailer where: (a) the combination has 6 axles or less and (b) the maximum total mass that is legally allowable for the combination is 42.5 tonnes or less.

No. of truck axles	Config code
2	SR2
3	SR3
4+	SR4

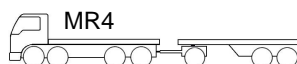
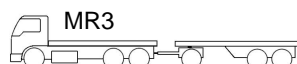
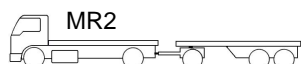


Medium combination truck

(more than 6 axles in combination or more than 42.5 tonnes)

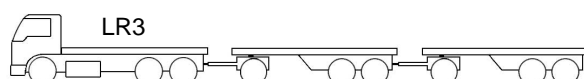
A truck, other than a short combination truck nominated to haul one trailer.

No. of truck axles	Config code
2	MR2
3	MR3
4+	MR4



Long combination truck (2+ trailers)

A truck nominated to haul two or more trailers.

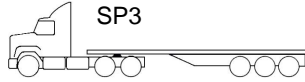
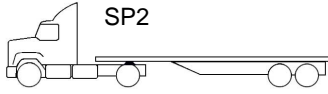


No. of truck axles	Config code
2	LR2
3	LR3
4+	LR4

Prime mover configurations Trailers are registered separately to prime movers.

Short combination prime mover (1 trailer only)

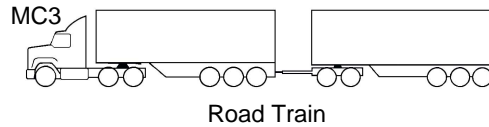
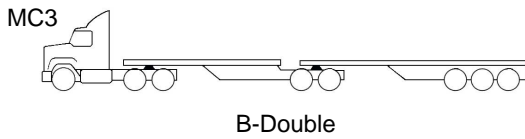
A prime mover nominated to haul a maximum of one trailer only.



No. of prime mover axles	Config code
2	SP2
3	SP3
4+	SP4

Multi combination prime mover

A prime mover nominated to haul two or more trailers.

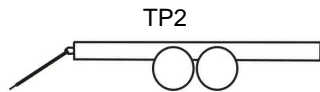
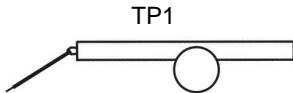


No. of prime mover axles	Config code
2	MC2
3	MC3
4	MC4
5+	MC5

Trailer configurations A load-carrying vehicle without motive power, with a GTMR or ATM over 4.5 tonnes, designed to be hauled by another vehicle.

Pig trailer

A trailer with one axle group or single axle near the middle of its load-carrying surface and connected to the towing vehicle by a drawbar.

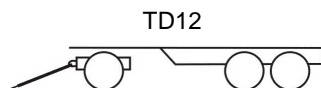
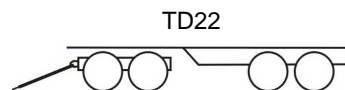
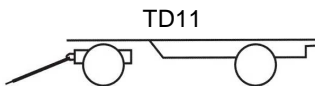


No. of axles	Config code
1	TP1
2	TP2
3	TP3
4	TP4
5	TP5
6	TP6
7	TP7
8	TP8
9+	TP9

Dog trailer

A trailer with:

- one axle group or single axle at the front that is steered by connection to the towing vehicle by a drawbar; and
- one axle group or single axle at the rear.



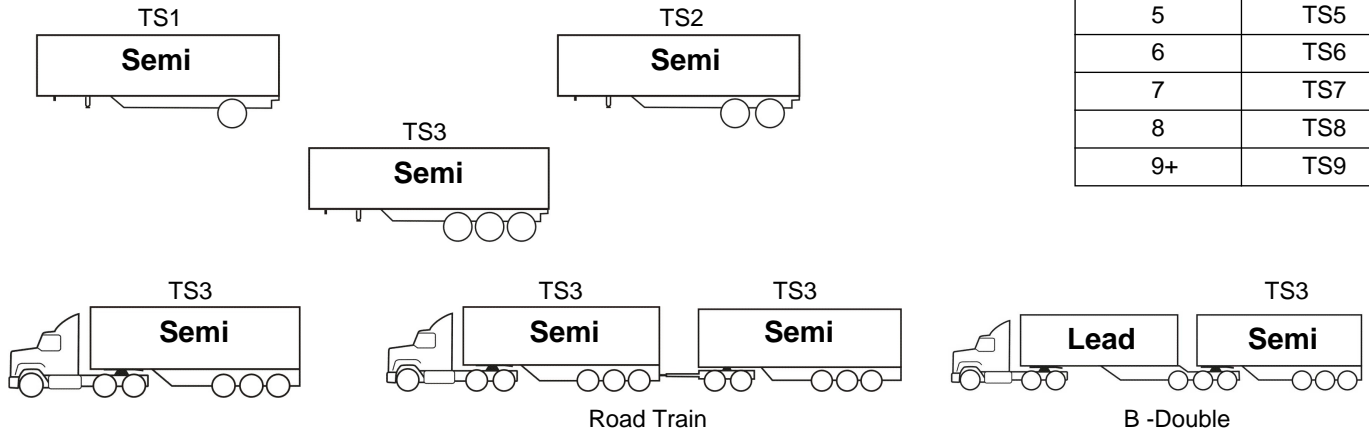
No. of axles	Config code
1 at front and 1 in rear	TD11
1 at front and 2 in rear	TD12
1 at front and 3 in rear	TD13
2 at front and 2 in rear	TD22
2 at front and 3 in rear	TD23
3 at front and 3 in rear	TD33
3 at front and 4 in rear	TD34
4 at front and 4 in rear	TD44
4 at front and 5 in rear	TD45

Semi-trailers (includes tail trailers)

A trailer including a pole type trailer that has:

- one axle group or single axle toward the rear, and
- A means of attachment to a prime mover or a converter dolly that results in some of the load being imposed on the prime mover, or the converter dolly, as the case may be.

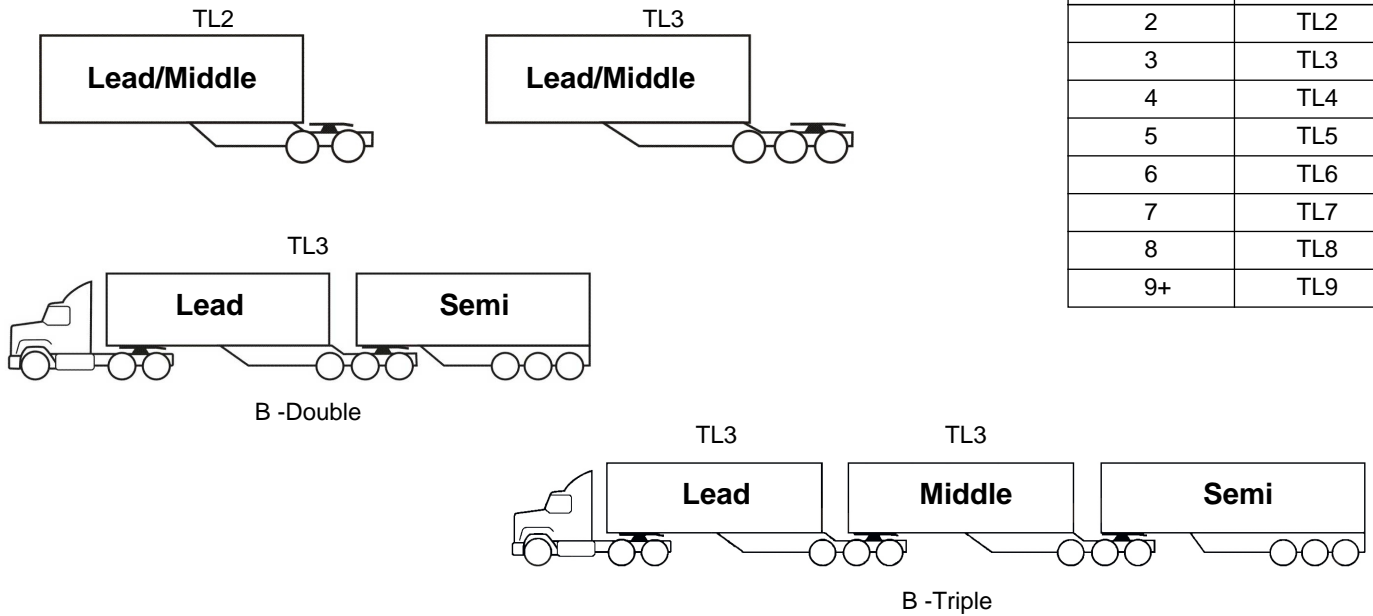
No. of axles	Config code
1	TS1
2	TS2
3	TS3
4	TS4
5	TS5
6	TS6
7	TS7
8	TS8
9+	TS9



B-double lead trailers and B-triple lead/middle trailers

A semi-trailer that is nominated for use as the lead or middle trailer in a B-double or B-triple combination.

No. of axles	Config code
1	TL1
2	TL2
3	TL3
4	TL4
5	TL5
6	TL6
7	TL7
8	TL8
9+	TL9



Converter dolly

A trailer with a fifth wheel coupling designed to support a semi-trailer for hauling purposes.

No. of axles	Config code
1	TY1
2	TY2
3	TY3
4	TY4
5	TY5
6	TY6
7	TY7
8	TY8
9+	TY9



Low loader dolly

A mass distributing device that

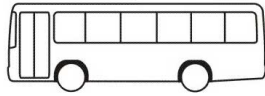
- is usually coupled between a prime mover and low loader; and
- consists of a gooseneck rig frame; and
- does not directly carry any load on itself; and
- is equipped with one or more axles; kingpin and a wheel coupling.



Bus configurations A vehicle with the capacity to carry 10 or more including the driver.

Bus

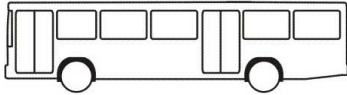
Type 1 (lower GVM limit)



1B2

No. of axles	GVM up to	Config code
2	12.0t	1B2

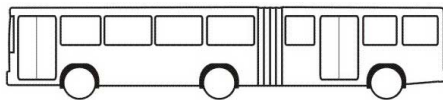
Type 2 (higher GVM limit)



2B2

No. of axles	GVM over	Config code
2	12.0t	2B2
3+	4.5t	2B3

Articulated bus



AB3

No. of axles	Config code
3+	AB3

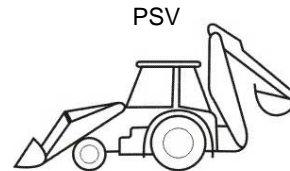
Special Purpose Vehicle configurations A vehicle whose primary purpose for which it was built, or permanently modified, is not the carriage of goods or passengers

SPV

Type P (Plant)

Built, or permanently modified, primarily for: (a) off-road use; or (b) use on a road related area; or (c) use on an area of road that is under construction or repair.

Examples include: tractors, bulldozers, backhoes, graders and front end loaders.



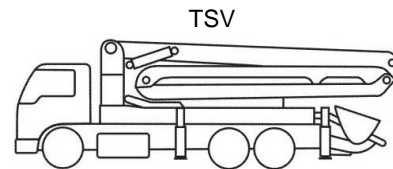
No. of axles	Config code
Any	PSV

Type T (Truck)

(all axles within mass limits)

Built, or permanently modified, primarily for use on roads and that **has no** axle or axle group in excess of the mass limits.

Examples include: cherrypickers, concrete pumps and SPV trailers (air compressors and generators).



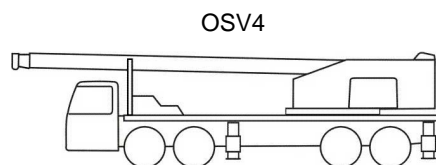
No. of axles	Config code
Any	TSV

Type O (Overmass)

(1 or more axles over mass limits)

Built, or permanently modified, primarily for use on roads and that **has** at least one axle or axle group in excess of the mass limits.

Examples include: mobile cranes and well-boring plant.



OSV4

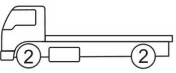
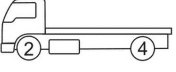
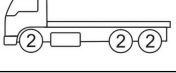
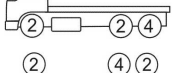

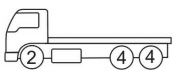
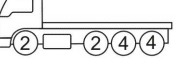
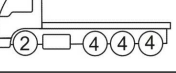
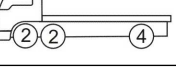
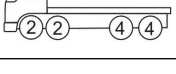
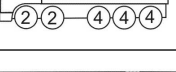
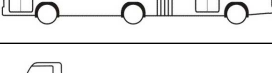
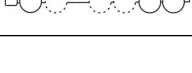
No. of axles	Config code
1	OSV1
2	OSV2
3	OSV3
4	OSV4
5-12	OSV5-12

Section B - Axle code


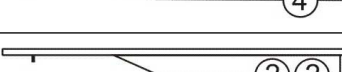
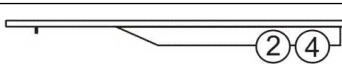

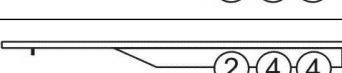

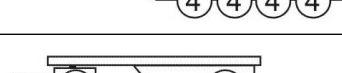

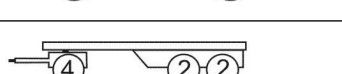
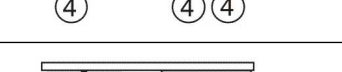
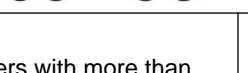
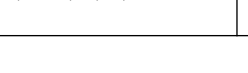


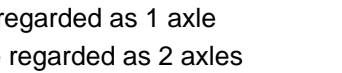
The axle code is used to record the layout and number of axles and wheels on your vehicle. Select the axle code from the table below that most closely matches your vehicle's axle layout and number of wheels on each axle (as shown by the numbers in the circles). Include non-driven axles (eg retractable, tag, lazy, pusher axles etc).

See Axle spacings below for vehicles with small wheels grouped closely together.

Trucks, prime movers, buses

Axle layout	Axle code
	R11
	R12
	R19
 or 	R13
	R14
	R15
	R16
	R22
	R24
	R26
	ZAV
	ZRT Variable axle configuration with 3 or more axles

Trailers

Axle layout	Axle code
	T1
	T2
	T9
	T3
	T4
	T0
	T5
	T6
	T8
 or  or 	T22
 or 	T24
	T44
For trailers with more than four axles, ie 5, 6, 7, 8 or 9.	T1# Where # is the number of axles on the vehicle (from 5 to 9)

Self Propelled Plant and SPVs

The axle code for these vehicles only includes the total number of axles	P# # is the number of axles on the vehicle (from 1 to 12)
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Axle spacings (for charging purposes only)

For calculation of the number of axles on your vehicle, please note the following:

- 2 axles not more than 1 metre apart from the wheel centres are regarded as 1 axle
- 3 axles not more than 2 metres apart from the wheel centres are regarded as 2 axles
- 4 axles not more than 3.2 metres apart from the wheel centres are regarded as 3 axles

Please tick the box on page 1 if you have made an adjustment for axle spacing.