



Semi Trailer/Goose Neck type trailer (with fifth wheel or ball coupling) Inspection Sheet

Transport Operations (Road Use Management) Act 1995 or the Heavy Vehicle National Law Act 2012 (NHVL)

- This inspection must be carried out only by a Department of Transport and Main Roads (TMR) officer, a Queensland Police Service Officer or a HVRAS Authorised Person.
- This inspection sheet must be used in conjunction with the *Vehicle Details Inspection Sheet* (form F3529).

1. Trailer details

Make/Model

VIN/Chassis

2. Is the trailer imported?

Is the trailer imported? Yes No go to Question 3

Was the trailer previously registered in Australia?

Yes Previous registration number go to Question 3

No Trailer must be presented at a TMR customer service centre for inspection and a copy of the import approval for the trailer provided.

3. Requirements of a caravan

Is the trailer a caravan? Yes No go to Question 4

- Does the trailer have a fire extinguisher? Yes No
- Does the caravan have an outward facing or sliding door on the left-hand side or rear of the trailer? Yes No

If the answer is No to any of these questions, this trailer does not comply with requirements.

For more information on **trailers over 4.5 tonne**, contact the National Heavy Vehicle Regulator (NHVR) Vehicle Standards Team on 13 64 87 or email

vehiclestandards@nhvr.gov.au prior to attending a TMR customer service centre to register the trailer. For more information on **trailers up to 4.5 tonne**, contact the TMR Vehicle Standards Team at vehiclestandards@tmr.qld.gov.au or 13 23 80.

Note: The door must allow a normal size person to easily enter or exit the living cabin of the vehicle without the use of external fixtures or fittings and must be free of impediments (such as fixed objects) which interfere in any way with the easy use of doors for entry and exit.

4. Braking

- for trailers built on or after 1 July 1988 see braking systems below
- braking systems for pre 1 July 1988 built trailers must comply with the requirements applicable to the year of manufacture.

Very light (up to and including 0.75 tonne GTM) No brakes required

Light (over 0.75 tonne GTM up to and including 2.0 tonne GTM) Over-run brakes or power brakes fitted (air, vacuum or electric)

(over 2.0 tonne GTM up to and including 3.5 tonne GTM) Brakes (air, vacuum or electric) operated from drivers' compartment and operating on all wheels, plus a breakaway system which will cause automatic application of trailer brakes

Note: Trailers with an ATM more than 2.0 tonne must have brakes on all wheels.

Medium (over 3.5 tonne GTM up to and including 4.5 tonne ATM) Brakes (air, vacuum or electric) operated from driver's compartment and operating on all wheels, plus a breakaway system which will cause automatic application of trailer brakes.

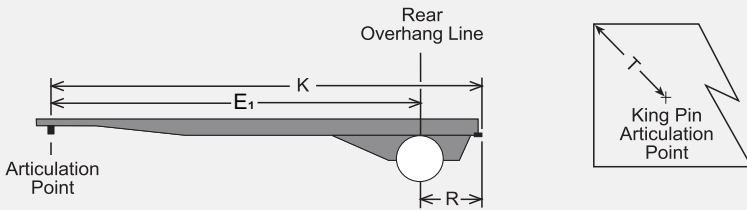
(over 4.5 tonne GTM up to and including 10 tonne GTM) Brakes (air, vacuum only) operated from driver's compartment and operating on all wheels, plus a breakaway system which will cause automatic application of trailer brakes, plus effective parking brake system.

Heavy (over 10 tonne GTM) Brakes (air, vacuum only) operated from drivers' compartment and operating on all wheels, plus a breakaway system which will cause automatic application of trailer brakes plus effective parking brake system.

5. Measurements

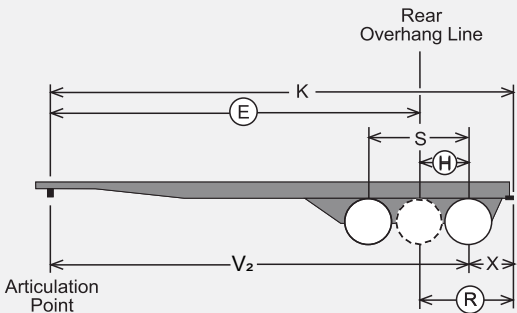
- using the diagram as a guide, provide the following dimensions in metres correct to two decimal places (e.g. 12.54, 2.42)
- write the number of tyres per axle in the wheel spaces
- letters in circles, for example, (R), indicate distances that are to be calculated using formulas provided
- if the trailer is fitted with a retractable axle, all measurements are to be taken with the retractable axle, in contact with the ground and in the lifted position. Use a separate inspection sheet for each configuration.

Trailer with single axle

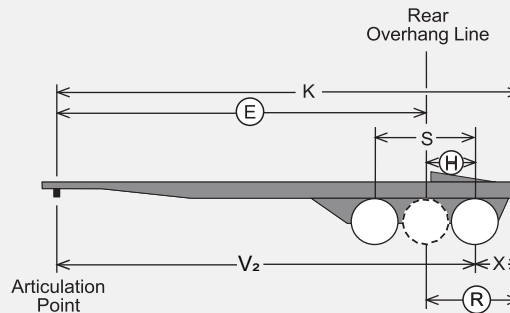


Width	.
Height	.
T	.
L	.
K	.

Trailer with an axle group



B-double lead trailer with an axle group

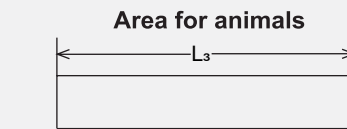
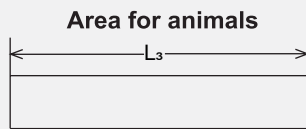


For trailers with a single axle

E	.	1
R	.	

For trailers with an axle group (R) and (E) measurements must be calculated.

V	.	2
S	.	
X	.	



(R) = (X + H) =	.
(E) = (V - H) =	.

1, 2 This measurement is the extreme axle distance (EAD) for registration purposes.
3 = inside measurements ignoring any partitions.

6. Rear Overhang Line

Tick (✓) the relevant axle group, then calculate for '(H)' using the formula given.

Rear Axle Group	Axle groups with the same number of tyres per axle <input type="checkbox"/>	<input type="checkbox"/> F (2) (4) R	<input type="checkbox"/> F (4) (2) R
Calculation of '(H)'	$(H) = \frac{S}{2} =$	$(H) = \frac{S}{3} =$	$(H) = \frac{S \times 2}{3} =$

7. Regulation limits

- Is the width of the trailer 2.50 metres or less? Yes No
- Is the height of the trailer 4.30 metres or less or 4.60 metres if the trailer is built to carry livestock, or vehicle built with at least two decks for carrying vehicles? Yes No
- Is 'T' 1.90 metres or less? Yes No
- Is 'E' 9.50 metres or less or for refrigerated trailers 9.9 metres or less? Yes No
- Is 'K' (Tick one box only) :
 (a) 12.30 metres or less Yes No
 (b) 13.20 metres or less Yes No
 (c) 13.60 metres or less for a refrigerated trailer? Yes No
- If the trailer is built to carry livestock, on two or more partly or completely overlapping decks is the inside measurement 'L' 12.50 metres or less? Yes No
- Is 'R' 3.70 metres or less? Yes No
- Is 'R' equal to or less than 60% of 'E' (i.e. $x \ 0.6 =$ _____)? Yes No

If a box like this is ticked, the trailer does not comply with regulation limits.
 For further information, contact the NHVR Vehicle Standards Team on 13 64 87 or email vehiclestandards@nhvr.gov.au prior to attending a TMR customer service centre to register the trailer.
 For more information on trailers up to 4.5 tonne, contact the TMR Vehicle Standards Team at vehiclestandards@tmr.qld.gov.au or 13 23 80.

8. Axle group

- 1. If the trailer has a Tandem Axle Group—
Is 'S' between 1.00 metre and 2.00 metres? Yes No
- 2. If the trailer has a Tri Axle Group—
Is 'S' between 2.00 metres and 3.20 metres? Yes No
- 3. If the trailer has a Quad Axle Group—
Is 'S' between 3.20 metres and 4.90 metres? Yes No
- 4. Is the axle group fitted with load sharing suspension? Yes No

If a box like this is ticked, the trailer does not comply with axle group requirements.
If the **trailer is over 4.5 tonne ATM**, contact the NHVR Vehicle Standards Team on 13 64 87 or email vehiclestandards@nhvr.gov.au prior to attending a TMR customer service centre to register the trailer. If the **trailer is up to 4.5 tonne ATM**, refer to the additional information below.

Additional information (trailers 4.5 tonne ATM or less)

Tandem axle group	If 'S' is less than 1 metre, and the axle group does not have load-sharing suspension, each axle in the group must be capable of supporting 120% of the load distributed on each axle (i.e. $GTM/2 \times 120\%$) *. Tyres on each axle must be sufficiently rated to carry the calculated distributed load (i.e. $(GTM/2 \times 120\%)$ divided by the number of tyres on the axle) *
Tri-axle group	If 'S' is less than 2 metres, and the axle group does not have load-sharing suspension, each axle in the group must be capable of supporting 120% of the load distributed on each axle (i.e. $GTM/3 \times 120\%$) *. Tyres on each axle must be sufficiently rated to carry the calculated distributed load (i.e. $(GTM/3 \times 120\%)$ divided by the number of tyres on the axle) * * If GTM not specified use ATM.

9. GTM/ATM details (The ATM should be used only when there is no GTM)

Tyre type
 Conventional Radial Size Ply rating Load rating GTM kg

ATM from: (tick one box)
 ATM kg

- 1. Register of Approved Vehicles
- 2. Vehicle/Manufacturer's Plate
- 3. Modification Plate
- 4. Assessed by owner
- 5. Regulation axle limit, tyre size, braking system

Note: 4 and 5 can only be assessed on trailers up to 4.5 tonne.

Does the trailer exceed mass limits? No Yes Trailer does not comply to mass limits. Contact the NHVR Access Enquiries Team on 1300 696 487 or email accessenquiries@nhvr.gov.au for further details prior to attending a TMR customer service centre to register the trailer.

10. Declaration

Inspection was carried out by (tick one box) (Please affix Office/Business stamp)

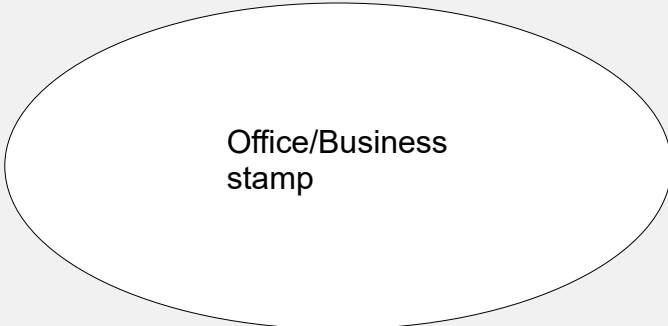
TMR Officer Queensland Police Service Officer HVRAS Authorised Person

I have inspected the vehicle indicated on this form and certify the information contained in this form is complete, true and correct and has been taken from the vehicle itself.

Full name (please print) Customer Reference Number

Signature

Date



Office/Business stamp

Privacy statement: TMR collects the personal information in the above declaration to support that the inspection has been carried out on the said vehicle. This information may be released by TMR or its agents/contractors to parties such as the NHVR, vehicle insurers, statutory/insolvency entities, lawyers, persons involved in vehicle accidents/incidents and to or through interstate registering authorities. This information will be held by TMR and your personal information will not be disclosed to a third party without your consent, unless authorised or required to do so by law.