

Performance Based Standards approved Truck and Dog combinations



Transport
Roads & Maritime
Services

FACT SHEET

Roads and Maritime Services Access Policy for Performance Based Standard (PBS) approved rigid trucks hauling 4 axle or 5 axle 'dog' trailer combinations.

Applicable combinations

This policy only applies to PBS approved vehicle combinations that are commonly referred to by the heavy vehicle transport industry as 'Quad Dogs' and 'Quin Dogs'.

Quad Dog

A Quad Dog combination has a total of 7 axles, comprised of a 3 axle truck plus a 4 axle trailer (tandem axle + tandem axle).

Quin Dog

A Quin Dog combination has a total of 8 axles, comprised of a 3 axle truck plus a 5 axle trailer (tandem axle + tri axle).

What is PBS approval?

PBS approval is a process managed by the National Transport Commission (NTC) to assist transport operators in the design and development of vehicles and combinations capable of operating at higher productivity levels.

These designs or blueprints are subjected to a much stricter approval regime including the requirement to comply with 14 specific safety, performance and infrastructure related standards.

Truck and Dog trailer combinations operating under this policy have already been approved to these standards so there are no road safety issues for NSW, provided they are maintained at the condition to which they were approved and are operated on suitable road networks.

Other Truck and Dog combinations

Truck and Dog combinations that have been constructed to comply with Australian Design Rule requirements and NSW legislation are not permitted to operate on the NSW road network under this policy.

These combinations may operate and must comply with the Class 3 Truck and Dog Trailer Combination Notice 2010.

Access for PBS Quad Dogs

General Access is available for 4 axle dog trailer combinations with a Total Combination Mass (TCM)* up to a General Mass Limit (GML) of 50.5 tonnes.

Vehicles operating with a TCM above GML, up to a Higher Mass Limit (HML) of 57.5 tonnes will be required to enrol in the Intelligent Access Program (IAP) and will be restricted to the HML B-Double Network.

There is no Concessional Mass Limit (CML) for this combination.

Access for PBS Quin Dogs

PBS 5 axle dog trailer combinations operating with a TCM up to 59.5 tonnes are permitted to access the approved B-Double Network and are not required to enrol in the IAP.

For a TCM above 59.5 tonnes, up to 63.0 tonnes, IAP enrolment is required and access is restricted to the HML B-Double Network.

Network Maps

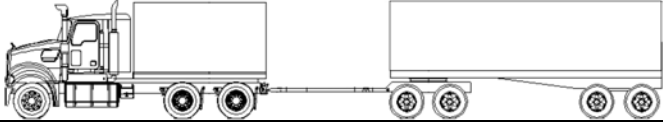
Maps of the B-Double, HML B-Double and the Restricted Access Vehicle (RAV) Networks are available on the RMS website at:

<http://www.rta.nsw.gov.au/heavyvehicles>

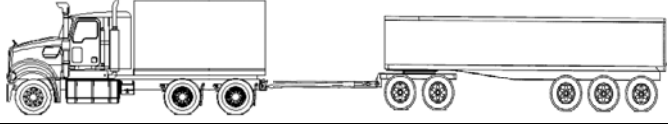
* Total Combination Mass (TCM) of a vehicle combination is defined as the total mass of the prime mover, any attached trailers plus any load onboard the vehicle combination. This is defined as 'total mass' in the Road Transport (Mass Loading and Access) Regulation 2005.

Axle Mass Limits

Quad Dog

							
						TCM	Notes
General Access	6.5	16.5	13.75	13.75	50.5t		
HML B-Double Network	6.5	17.0	17.0	17.0	57.5t	IAP	

Quin Dog

							
						TCM	Notes
RAV B-Double Network	6.5	16.5	16.5	20.5	59.5t		
HML B-Double Network	6.5	17.0	17.0	22.5	63.0t	IAP	

Note: Diagrams are not to scale

IAP: Drivers must ensure that the vehicle configuration and the Total Combination Mass (TCM) of the configuration are recorded. If the vehicle is fitted with a Self Declaration Input Device, this information must be entered whenever:

- The TCM or configuration of the vehicle changes; or
- Prompted by the Self Declaration Input Device (vehicle must be parked when operating the Self Declaration Input Device).

If the vehicle is not fitted with a Self Declaration Input Device, this information must be recorded through the alternate Self Declaration Input Device System within 24 hours whenever:

- There is a change in the TCM or configuration of the vehicle; or
- At the beginning of every journey.

It is an offence to provide false and misleading information through the IAP.