

Grain Transport Safety Network truck chart South Australia

Maximum length	12.5m	19.0m	26.0m	36.5m						
Category	Image		Description	GML	GML + permit ¹	CML	HML	+ 0.5mt steer ²	+ 1.1mt steer ³	
Rigid truck			3 axle rigid truck	L3 22.50		H1 23.00	H1 23.00	L3E H1E		
Truck & dog			3 axle rigid truck and 3 axle dog trailer	L14 42.50	G31 45.00	PBS truck: Refer footnote ⁴		L14E G31E		
			3 axle rigid truck and 4 axle dog trailer	L16 42.50	G33 50.00			L16E G33E		
			3 axle rigid truck and 5 axle dog trailer	G42 59.00				G42E		
Prime mover & trailer			5 axle semitrailer	L11 39.00		C3 40.00	H3 40.00	L11E C3E H3E		
			6 axle semitrailer	L15 42.50		C4 43.50	H4 45.50	L15E C4E H4E		
B double			7 axle B-double	G52 55.5		C5 57.00	H5 57.00	G52E C5E H5E		
			9 axle B-double	G55 62.50		C8 64.50	H8 68.00	G55E C8E H8E		
Road train			11 axle road train (A double)	G61 79.00		C9 81.00	H9 85.00	G61E C9E H9E	G61ES C9ES H9ES	
			12 axle road train (A double)	G63 82.50		C10 84.50	H10 90.50	C10E H10E	C10ES H10ES	
AB triple ⁵			14 axle AB triple road train and 2 axle dolly	P19 99.00		P21 101.00	P22 107.50	P19E P21E P22E ⁶	P19ES P21ES	
			15 axle AB triple road train and 3 axle dolly	P25G 102.50		P25C 104.50	P22R ⁷ 110.00 P25H 113.00	P25GE P25CE P25HE	P25GES P25CES P25HES	
<p>All masses are in metric tonnes GML = General Mass Limit CML = Concessional Mass Limit – must be registered in NHVAS mass and display sticker on driver's side of the truck HML = Higher Mass Limit – must be registered in NHVAS and be on a HML route Mass Limits are the maximum limit and it is important drivers know the Gross Combination (GCM) and Gross Vehicle Mass (GVM) and do not exceed that if it is lower than the mass limit Legal Disclaimer: data is provided for information only Further information, refer to the National Heavy Vehicle Regulator nhvr.gov.au or gtsn.com.au</p>					<p>New NHVAS mass sticker</p>		<p>Old NHVAS mass sticker</p>			

¹ Permit means:
 a) *National Class 3 Heavy Vehicle 19m Truck and Dog Trailer Combination Mass Exception (Notice) 2014 (No. 1)* – GHMS concessions do not apply to permit mass limit. Most trucks are engineered to load to the maximum mass limit and in some cases axle spacings may limit the mass limit. It is not reasonably practicable to check lower mass limits due to shorter axle spacings
 b) *National Class 2 Heavy Vehicle B-Double Authorisation (Notice) 2014 (No.2)*
² 0.5t steer axle allowance applies to trucks with a Gross Vehicle Mass (GVM) over 15 tonnes fitted with specific technologies, including an engine complying with ADR 80/01 (Euro IV), Front Under-run Impact Protection that meets UN ECE Regulation No.93 or ADR 84, and cabin strength that meets the requirements of UN ECE Regulation No.29.
³ 1.1t allowance applies to Road Train and AB triple combinations fitted with steer tyres 375mm or wider and that meet the requirements for the 0.5t steer allowance
⁴ Trucks can operate as PBS vehicles under the *National Class 2 PBS Level 1 & 2A Truck and Dog Trailer Authorisation Notice 2016* on routes with PBS 2A or higher access with the following maximum mass limits. PBS CML is the most common mass limit for these combinations in Grain. To operate as a PBS truck, the driver must present the Vehicle Approval, which includes the specific mass limit for that each individual vehicle combination:

Description	PBS (GML)	PBS (CML)	PBS (HML)
3 Axle Rigid & 3 Axle Dog	G41E 48.50	P11 49.50	P11 49.50
3 Axle Rigid & 4 Axle Dog	G35E 56.00	P14 57.50	P14 57.50
3 Axle Rigid & 5 Axle Dog		P5 61.50	P7 63.00

⁵ NHVR Access Permit Required to Operate in South Australia
⁶ 14 Axle AB-Triple currently restricted to max GCM of 108.00 in South Australia
⁷ GCM of truck restricted to max 110.00