

Grain Transport Safety Network truck chart South Australia



26.0m² 36.5m³ Maximum length 12.5m 19.0m¹ GML + + 0.5mt Categor + 1.1mt Code **Image Description GML** CML HML permit4 steer⁵ steer⁶⁷ 9GE 3 axle rigid 22.50 23.00 23.00 Rigid 9 9CE 9G 9H truck truck 9G 9HE 45.00 **16GE** 3 axle rigid 42.50 16N19 **16NE** 16 truck and 3 axle 16N19E 48.00 16G dog trailer 16N23 16N23E **76GE 76NE** 50.00 3 axle rigid Truck & 42.50 **76N19E** PBS truck: Refer footnote8 76 truck and 4 axle 76N19 dog **76N20E** 76G dog trailer 76N20 **76N20RE 76N23E** 3 axle rigid 59.00 87 truck and 5 axle **87GE** 87**G** dog trailer **11GE** 40.00 40.00 5 axle 39.00 11 **11CE** semitrailer 11C 11H 11G **11HE** Prime mover & trailer **12GE 12GES** 43.50 45.50 6 axle 42.50 12 12CES **12CE** semitrailer **12G** 12H 12C **12HE** 12HES 000 **83GE** 55.50 57.00 57.00 83 7 axle B-double **83CE** 83H 83G 83C **83HE B-double 68GES 68GE** 64.50 62.50 68.00 68 9 axle B-double **68CE 68CES** 68H 68**G 68C 68HE 68HES 28GES** 11 axle A-**28GE** 81.00 79.00 85.00 28 double road **28CE 28CES** 28H 28**G** 28C **28HE 28HES** train A-double road train **91GE 91GES** 12 axle A-82.50 84.50 90.50 91 double road **91CE 91CES** 91H 91G 91C train **91HE 91HES 88GE** 14 axle AB-99.00 101.00 107.50 **88GES** 88 **88CE** triple road train 88**G** 88C 88H **88CES** 88HE¹⁰ AB-triple9 110.00 **96GE 96GES** 96HR1 104.50 15 axle AB-102.50 96 **96CES 96CE** triple road train 96G 96C 113.00 96HES **96HE** 96H

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

HML = Higher Mass Limit - must be registered in NHVAS and be on a HML route

PBS = Performance Based Standards

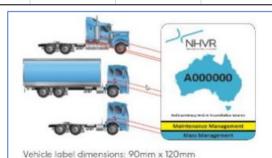
N = Notice $\mathbf{P} = Permit$

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





⁸ Trucks can operate as PBS vehicles under the National Class 2 PBS Level 1 & 2A Truck and Dog Trailer Authorisation Notice 2021 (No.1) 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	16GPBS 48.50	16CPBS 49.50	16HPBS 49.50
3 Axle Rigid & 4 Axle Dog	76GPBS 56.00	76CPBS 57.50	76HPBS 57.50
3 Axle Rigid & 5 Axle Dog	87GPBS 59.50	87CPBS 61.50	87HPBS 63.00

⁹ NHVR Access Permit Required to Operate in South Australia

Further information, refer to the National Heavy Vehicle Regulator nhvr.gov.au or gtsn.com.au

¹ Prime movers operating under National Class 3 Road Train Prime Mover Mass and Dimensions Exemption notice 2022 can operate to 20mtrs with road train rated prime movers - PBS Level 1A

Prime movers operating under National Class 3 Road Train Prime Mover Mass and Dimensions Exemption notice 2022 can operate to 27mtrs with road train rated prime movers - SA 30m Road Train (HML) Network

³ AB-Triple combinations operating under permit can be approved up to a maximum length of 42.0mtrs ⁴ Permit means:

a) National Class 3 Truck and Dog Trailer Mass Exception Notice 2020 (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

National Class 2 Heavy Vehicle B-Double Authorisation Notice 2020 (No.2) 5 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.

^{6 1.1}t steer axle 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.

⁷ Refer National Class 3 Road Train Prime Mover Mass and Dimension Exemption Notice 2022

 $^{^{10}}$ 14 Axle AB-Triple currently restricted to max GCM of 108.00 in South Australia

¹¹ GCM of prime mover restricted to max 110.00t