

# Grain Transport Safety Network truck chart New South Wales

Maximum Length		12.5m	19.0m <sup>1</sup>	26.0m <sub>2</sub>	36.5m							
Category	Code	Image	Description	GML	GML + Permit <sup>3</sup>	CML	HML	0.5mt Steer <sup>4</sup>	1.1mt Steer <sup>5,6</sup>	GHMS NSW <sup>7</sup>		
Rigid Truck	9		3 Axle Rigid Truck	22.50 <b>9G</b>		23.00 <b>9G</b>		<b>9GE</b> <b>9CE</b> <b>9HE</b>		23.00		
Truck & Dog	16		Common 3 Axle Rigid Truck and 3 Axle Dog Trailer <sup>8</sup>	42.50 <b>16G</b>	48.00 <b>16N</b> <b>16N19</b>	-		<b>16GE</b> <b>16NE</b> <b>16N19E</b>		44.63		
	76		Common 3 Axle Rigid Truck and 4 Axle Dog Trailer <sup>9</sup>	42.50 <b>76G</b>	50.00 <b>76N19</b> <b>76N20</b>	43.50 <b>76C</b>		<b>76GE</b> <b>76CE</b> <b>76N19E</b> <b>76N20E</b> <b>76N20RE</b>		44.63		
	87		3 Axle Rigid Truck and 5 Axle Dog Trailer							PBS truck: Refer footnote <sup>10</sup>		
Prime Mover & Trailer	11		Common 5 Axle Semitrailer	39.00 <b>11G</b>		40.00 <b>11C</b>		<b>11GE</b> <b>11CE</b> <b>11HE</b>	✓	40.00		
	12		Common 6 Axle Semitrailer	42.50 <b>12G</b>		43.50 <b>12C</b>	45.50 <b>12H</b>	<b>12GE</b> <b>12CE</b> <b>12HE</b>	✓	44.63		
B-double	83		Common 7 Axle B-double	55.50 <b>83G</b>	50.00 <sup>11</sup>	57.00 <b>83C</b>		<b>83GE</b> <b>83CE</b> <b>83HE</b>	✓	57.00		
	68		Common 9 Axle B-double	62.50 <b>68G</b>		64.50 <b>68G</b>	68.00 <b>68H</b>	<b>68GE</b> <b>68CE</b> <b>68HE</b>	<b>68HES</b>	65.63		
A-double road train	28		Common 11 Axle Road Train (A Double)	79.00 <b>28G</b>		81.00 <b>28C</b>	85.00 <b>28H</b>	<b>28GE</b> <b>28CE</b> <b>28HE</b>	<b>28HES</b>	83.00		
	91		Common 12 Axle Road Train (A Double)	82.50		84.50	90.50	✓	✓	86.63		
AB-triple	88		Common 14 Axle AB Triple Road train and 2 Axle Dolly	99.00		101.00	107.50	✓	✓	104.00		
	96		15 Axle AB Triple Road train and 3 Axle Dolly	102.50		104.50	113.00	✓	✓	107.63		
<p><b>All masses are in metric tonnes</b>  <b>GML</b> = General Mass Limit  <b>CML</b> = Concessional Mass Limit - Must be registered in NHVAS mass and display sticker on driver's side of the truck  <b>HML</b> = Higher Mass Limit - Must be registered in NHVAS + IAP in NSW and Qld and be on a HML route  <b>Mass Limits</b> are the maximum limit and it is important drivers know the Gross Combination (<b>GCM</b>) and Gross Vehicle Mass (<b>GVM</b>) and do not exceed that if it is lower than the mass limit  <b>Legal Disclaimer:</b> data is provided for information only            Further information, refer to the National Heavy Vehicle Regulator <a href="http://www.nhvr.gov.au">www.nhvr.gov.au</a> or <a href="http://www.gtsn.com.au">www.gtsn.com.au</a></p>				<p><b>NHVAS Mass Sticker</b></p> <p>Vehicle label dimensions: 90mm x 120mm</p>								

<sup>1</sup> Trucks with prime movers operating under National Class 3 Road Train Prime Mover Mass and Dimension Exemption Notice 2022 can operate to 20 metres with road train rated prime movers

<sup>2</sup> Trucks Operating under National Class 3 Road Train Prime Mover Mass and Dimension Exemption Notice 2022 can operate to 27 metres with road train rated prime movers

<sup>3</sup> 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
- b) National Class 2 Heavy Vehicle B-Double Authorisation Notice 2020 (No.2)

<sup>4</sup> 0.5t 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.

<sup>5</sup> 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

<sup>6</sup> Refer National Class 3 Road Train Prime Mover Mass and Dimension Exemption Notice 2022

<sup>7</sup> Refer New South Wales Class 3 Grain Harvest Management Scheme Mass Exemption Notice 2022 (No. 2) – 0.5t steer applies when conditions are met

<sup>8</sup> Refer code 87 footnote below

<sup>9</sup> Refer code 87 footnote below

<sup>10</sup> 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:

Code	PBS (GML)	PBS (CML)	PBS (HML)
16	48.50	49.50	49.50
76	56.00	57.50	57.50
87	59.50	61.50	63.00

<sup>11</sup> On general access (non-B double) routes, GML = 50.0t and CML = 51.0t  
7630/2 – August 2023