

Disclaimer: This diagram shows some of the most common heavy vehicle combinations used in Australia. It is not a comprehensive representation of the entire Australian heavy vehicle fleet. Other heavy vehicle configurations are used which are not represented. The mass and length limits provided in this diagram are based on the limits set out in the *Heavy Vehicle (Mass, Dimension and Loading) National Regulation* (the MDL Regulation) and are provided for general guidance only. Other mass concessions and length limits may be applicable in certain circumstances as allowed under the MDL Regulation, notices and/or permit-based schemes. For a complete list of mass and dimension limits applicable to your circumstances, please refer to the MDL Regulation and/or relevant authorisations. For further information, contact the NHVR at 1300 MYNHVR (1300 696 487) or info@nhvr.gov.au or www.nhvr.gov.au/contact-us

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COMMON RIGID TRUCKS - GENERAL ACCESS	S	Description	Maximum Length (metres)	Maximum Regulatory Mass under GML (tonnes)	Maximum Regulatory Mass under CML (tonnes)	Maximum Regulatory Mass under HML (tonnes)
1	6.0t 9.0t	2 Axle Rigid Truck	≤ 12.5	15.0	CML does not apply	
2	6.0t 16.5t	3 Axle Rigid Truck	≤ 12.5	22.5	23.0	-
3	6.0 20.0t	4 Axle Rigid Truck	≤ 12.5	26.0	27.0	-
4	10.0t 16.5t	4 Axle Twinsteer Rigid Truck	≤ 12.5	26.5	27.0	-
5	10.0t' 20.0t	5 Axle Twinsteer Rigid Truck	≤ 12.5	30.0	31.0	-
COMMON SEMITRAILER COMBINATIONS - G						
6	.Ot 9.Ot 9.Ot	3 Axle Semitrailer	≤ 19.0	24.0	-	-
7 6.0t	9.0t 16.5t	4 Axle Semitrailer	≤ 19.0	31.5	32.0	32.0
8 6.0t	9.0t 20t	5 Axle Semitrailer	≤ 19.0	35.0	36.0	37.5
9 6.0t	16.5t 16.5t	5 Axle Semitrailer	≤ 19.0	39.0	40.0	40.0
10		6 Axle Semitrailer	≤ 19.0	42.5	43.5	45.5
COMMON RIGID TRUCK AND TRAILER COMB	BINATIONS - CLAS	\$ 3				
11	6.0t 9.0t 9.0t" 9.0t"	2 Axle Truck and 2 Axle Dog Trailer	≤ 19.0	30.0	•	-
12	Ot 9.0t 15.0t	2 Axle Truck and 2 Axle Pig Trailer	≤ 19.0	30.0	CML does not apply	-
13	6.0t 16.5t 9.0t 9.0t	3 Axle Truck and 2 Axle Dog Trailer	≤ 19.0	40.5	41.0	-
14	Ot 16.5t 15.0t	3 Axle Truck and 2 Axle Pig Trailer	≤ 19.0	37.5	CML does not apply	-
15	.0t 16.5t 9.0t 16.5t	3 Axle Truck and 3 Axle Dog Trailer	≤ 19.0	42.5	43.5	-
16 6.0t	16.5t 18.0t	3 Axle Truck and 3 Axle Pig Trailer	≤ 19.0	40.5	CML does not apply	-
17 6.0t	t 16.5t 16.5t" 16.5t"	3 Axle Truck and 4 Axle Dog Trailer	≤ 19.0	42.5	43.5	-
18	D.Ot' 16.5t 9.0t 16.5t	4 Axle Truck and 3 Axle Dog Trailer	≤ 19.0	42.5	43.5	-
10.0		4 Axle Truck and 4 Axle Dog Trailer	≤ 19.0	42.5	43.5	
COMMON B-DOUBLE COMBINATIONS - CLAS		7 Axle B-double	≤ 19.0	55.5	57.0	57.0
6.0t 16.5t	16.5t 16.5t					
0.0t 16.5t	20.0t 16.5t	8 Axle B-double	≤ 26.0	59.0	61.0	62.5
	16.5t 20.0t	8 Axle B-double	≤ 26.0	59.0	61.0	62.5
23 6.0t 16.5t	20.0t 20.0t	9 Axle B-double	≤ 26.0	62.5	64.5	68.0
COMMON TYPE 1 ROAD TRAINS - CLASS 2		9 Axle A-double	≤ 36.5	72.0	74.0	74.0
25	16.5t 16.5t	11 Axle A-double	≤ 36.5	79.0	81.0	85.0
6.0t 16.5t 20.0t	16.5t 20.0t					
6.0t 16.5t 20.0t	20.0t 20.0t	12 Axle A-double	≤ 36.5	82.5	84.5	90.5
6.0t 16.5t 20.0t	20.0t 20.0t	12 Axle Modular B-triple	≤ 35.0	82.5	84.5	90.5
28 6.0t 16.5t 20.0t	20.0t 20.0t	12 Axle B-triple	≤ 36.5	82.5	84.5	90.5
6.0t 16.5t 20.0t 16.5t	20.0t 20.0t	14 Axle AB-triple	≤ 36.5	99.0	101.0	107.5
30 6.0t 16.5t 20.0t 20.0t	20.0t 20.0t	15 Axle AB-triple	≤ 36.5	102.5	104.5	113.0
21	16.5t 16.5t 16.5t	11 Axle Rigid Truck and 2 Dog Trailers	≤ 36.5	88.5	90.5	91.0
COMMON TYPE 2 ROAD TRAINS - CLASS 2						
6.0t 16.5t 20.0t 16.5t 20.0t	16.5t 20.0t	16 Axle A-triple	≤ 53.5	115.5	117.5	124.5
33 6.0t 16.5t 20.0t 20.0t 20.0t	20.0t 20.0t	18 Axle A-triple	≤ 53.5	122.5	124.5	135.5
34 6.0t 16.5t 20.0t 20.0t	20.0t 20.0t	15 Axle AB-triple	"≤ 44.0 – Classified by the NHVR as Type 1 when L ≤ 36.5m"	102.5	104.5	113.0
35 6.0t 16.5t 16.5t	20.0t 16.5t 20.0t	13 Axle Rigid Truck and 2 Dog Trailers	"≤ 47.5 – Classified by the NHVR as Type 1 when L ≤ 36.5m"	95.5	97.5	102.0
36		17 Axle BAB-Quad	≤ 53.5	119.0	121.0	130.0
27		18 Axle BAB-Quad	≤ 53.5	122.5	124.5	135.5
6.0t 16.5t 20.0t 20.0t 20.0t	20.0t 20.0t					130.0
38		17 Axle ABB-Quad	≤ 53.5	119.0	121.0	130.0
38 6.0t 16.5t 20.0t 16.5t 20.0t 39 6.0t 15.5t 20.0t 20.0t 20.0t	20.0t 20.0t 20.0t 20.0t	17 Axle ABB-Quad 18 Axle ABB-Quad	≤ 53.5 ≤ 53.5	119.0	121.0	135.5