

PBS Vehicle Approval

Heavy Vehicle National Law Section 23

Heavy Vehicle (General) National Regulation Section 17

IMPORTANT

- This combination must be operated under a Notice or an access permit unless compliant with the Specified PBS Vehicle provision.
- The driver must carry a copy of this PBS Vehicle Approval and an associated access permit or notice and be able to produce readable copies (electronic or hard copy) if requested by Authorised Officers.
- All vehicle units in a combination (prime movers, trailers, dollies, etc.) must be listed on this VA.
- The driver must be able to identify the specific combination being driven within the VA.
- Failure to comply with the above can incur penalties for the operator, driver, or other responsible parties.

15 April 2026

Ref No: PBS – VA21663 – V170201 – v2A

This PBS Vehicle Approval modifies any previously issued approval for the vehicle(s) listed herein operating under Application Number V170201 .

Design Approval Holder	Shayne Moore Moore Trailers	Address	Lot 2-3 Murlaggan Rd Pittsworth QLD 4356
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Application Number	V170201	Vehicle	A-Double (3-3-3)
Load	Quarry and Bulk	Length (mm)	≤ 29800
Assessor	Daniel Nolan	Height (mm)	≤ 4300

Combination Matrix

For each Prime Mover and Trailer Set, the corresponding drawing reference number, dimension set number and mass table number/s are listed below. The dimension set number e.g., ‘Standard Variant’ indicates the maximum allowable payload heights and/or allowable tyre options for the corresponding Prime Mover and Trailer Set - refer to the Operating Conditions and Approved Tyre Options sections on this VA.

New VINs added in this VA are listed in bold.

Prime Mover 1		Make	GCM (t)	Prime Mover 2	Make	GCM (t)
5KKXAFBG8EPFU5307	5KKJAEGBGXNPN8587	WS	106	6F5000000MA469526	KW	115
5KKJAEGBXLPLR6831	5KKJAEGB1MPMJ1332			6F5000000MA472835		
5KKJAEGB4LPLU2165	5KKJAEGBXMPML3751			6F5000000NA477822		
5KKJAEGB8NPNF8437				6F5000000NA469872		

Prime Mover 3	Make	GCM (t)	Prime Mover 4	Make	GCM (t)
6F5000000JA464322	KW	97	6F5000000PA475549	KW	115
			6F5000000DA450455	KW	97
			6F50000006A431359	KW	90

Prime Mover 5	Make	GCM (t)
6F5000000PA478245	KW	115

Lead Trailer 1	ATM (t)	Lead Trailer 2	ATM (t)	Lead Trailer 3	ATM (t)
6V9LMTSMTKP002112	42.5	6V9LMTSMTJP002136	42.5	6V9LMTSMTHP002052	42.5

Lead Trailer 4		ATM (t)
6V9LMTSMTMP002064	6V9LMTSMTMP002104	45
6V9LMTSMTMP002218	6V9LMTSMTMP002021	42.5
6V9LMTSMTNP002037	6V9LMTSMTMP002045	
6V9LMTSMTNP002156	6V9LMTSMTMP002109	
6V9LMTSMTNP002265	6V9LMTSMTMP002111	

Dolly 1		ATM (t)	Dolly 2	ATM (t)
6V9LMTDLTKP002016	6V9LMTDLTNP002063	23	6V9LMTDLTJP002017	23
6V9LMTDLTMP002205	6V9LMTDLTNP002105		6V9LMTDLTMP002084	
6V9LMTDLTMP002060	6V9LMTDLTPP002004			
6V9LMTDLTMP002071	6V9LMTDLTPP002028			
6V9LMTDLTNP002055	6V9LMTDLTPP002053			
6V9LMTDLTPP002054	6V9LMTDLTMP002005			

Rear Trailer 1	ATM (t)	Rear Trailer 2	ATM (t)
6V9LMTSMTKP002113	42.5	6V9LMTSMTJP002137	42.5

Rear Trailer 4		ATM (t)	Rear Trailer 5	ATM (t)
6V9LMTSMTMP002065	6V9LMTSMTMP002105	45	6V9LMTSMTMP002183	45
6V9LMTSMTMP002306	6V9LMTSMTMP002022	42.5		
6V9LMTSMTNP002038	6V9LMTSMTMP002046			
6V9LMTSMTNP002157	6V9LMTSMTMP002110			
6V9LMTSMTNP002266	6V9LMTSMTMP002113			

Trailer Sets			
Trailer Set 1	Lead Trailer 1	Dolly 1	Rear Trailer 1
Trailer Set 2	Lead Trailer 2	Dolly 2	Rear Trailer 2
Trailer Set 3	Lead Trailer 4	Dolly 1	Rear Trailer 4
Trailer Set 4	Lead Trailer 3	Dolly 2	Rear Trailer 5

	Trailer Set 1	Trailer Set 2	Trailer Set 3	Trailer Set 4
Prime Mover 1	1-AMB-08-25 Standard 11 Table 1, 2	2-AMB-08-25 Standard 11 Table 1, 3	3-AMB-08-25 Drop Deck 12 Table 1, 4	4-AMB-08-25 Standard 11 Table 1, 5
Prime Mover 2	1-AMB-08-25 Standard 11 Table 1, 6	2-AMB-08-25 Standard 11 Table 1, 7	3-AMB-08-25 Drop Deck 11 Table 1, 8	4-AMB-08-25 Standard 11 Table 1, 9
Prime Mover 3	1-AMB-08-25 Standard 10 Table 1, 10	2-AMB-08-25 Standard 10 Table 1, 11	3-AMB-08-25 Drop Deck 10 Table 1, 12	4-AMB-08-25 Standard 10 Table 1, 13
Prime Mover 4	1-AMB-08-25 Standard 11 Table 1, 6	2-AMB-08-25 Standard 11 Table 1, 7	3-AMB-08-25 Drop Deck 11 Table 1, 8	4-AMB-08-25 Standard 11 Table 1, 9
Prime Mover 5	1-AMB-08-25 Standard 11 Table 1, 14	2-AMB-08-25 Standard 11 Table 1, 15	3-AMB-08-25 Drop Deck 11 Table 1, 16	4-AMB-08-25 Standard 11 Table 1, 17

Table 1
Prime Mover 1–5 and Trailer Set 1–4

Mass Limits	Level 2	Axle Group Masses	Level 2		
			GML	CML	HML
GML (t)	79.5	Steer (t)	6.5	6.5	6.5
CML (t)	81.5	Drive (t)	16.5	17.0	17.0
HML (t)	85.5	Lead Trailer (t)	20.0	21.0	22.5
Bridge Assessment	Tier 2/3	Dolly (t)	16.5	17.0	17.0
		Rear Trailer (t)	20.0	21.0	22.5

Table 2
Prime Mover 1 and Trailer Set 1

Mass Limits	Level 2	Axle Group Masses	Level 2		
			GML	CML	HML
GML (t)	69.6	Steer (t)	6.5	6.5	6.5
CML (t)	71.6	Drive (t)	16.5	17.0	17.0
HML (t)	75.6	Lead Trailer (t)	20.0	21.0	22.5
Bridge Assessment	Tier 1	Dolly (t)	16.5	17.0	17.0
		Rear Trailer (t)	20.0	21.0	22.5
The mass across axle groups is limited to -					
Axle Groups			GML	CML	HML
2 to 4			51.65	53.65	55.15
2 to 5			63.10	65.10	69.10
3 to 5			53.35	55.35	58.85

Table 3
Prime Mover 1 and Trailer Set 2

Mass Limits	Level 2	Axle Group Masses	Level 2		
			GML	CML	HML
GML (t)	69.55	Steer (t)	6.5	6.5	6.5
CML (t)	71.55	Drive (t)	16.5	17.0	17.0
HML (t)	75.55	Lead Trailer (t)	20.0	21.0	22.5
Bridge Assessment	Tier 1	Dolly (t)	16.5	17.0	17.0
		Rear Trailer (t)	20.0	21.0	22.5
		The mass across axle groups is limited to -			
		Axle Groups	GML	CML	HML
		2 to 4	51.65	53.65	55.15
		2 to 5	63.05	65.05	69.05
		3 to 5	53.35	55.35	58.85

Table 4
Prime Mover 1 and Trailer Set 3

Mass Limits	Level 2	Axle Group Masses	Level 2		
			GML	CML	HML
GML (t)	68.6	Steer (t)	6.5	6.5	6.5
CML (t)	70.6	Drive (t)	16.5	17.0	17.0
HML (t)	74.6	Lead Trailer (t)	20.0	21.0	22.5
Bridge Assessment	Tier 1	Dolly (t)	16.5	17.0	17.0
		Rear Trailer (t)	20.0	21.0	22.5
		The mass across axle groups is limited to -			
		Axle Groups	GML	CML	HML
		1 to 4	59.40	61.40	62.90
		2 to 4	51.10	53.10	54.60
		2 to 5	62.10	64.10	68.10
		3 to 5	52.80	54.80	58.30

Table 5
Prime Mover 1 and Trailer Set 4

Mass Limits	Level 2	Axle Group Masses	Level 2		
			GML	CML	HML
GML (t)	69.2	Steer (t)	6.5	6.5	6.5
CML (t)	71.2	Drive (t)	16.5	17.0	17.0
HML (t)	75.2	Lead Trailer (t)	20.0	21.0	22.5
Bridge Assessment	Tier 1	Dolly (t)	16.5	17.0	17.0
		Rear Trailer (t)	20.0	21.0	22.5
		The mass across axle groups is limited to -			
		Axle Groups	GML	CML	HML
		2 to 4	51.70	53.70	55.20
		2 to 5	62.70	64.70	68.70
		3 to 5	52.95	54.95	58.45

Table 6
Prime Mover 2, 4 and Trailer Set 1

Mass Limits	Level 2	Axle Group Masses	Level 2		
			GML	CML	HML
GML (t)	69.95	Steer (t)	6.5	6.5	6.5
CML (t)	71.95	Drive (t)	16.5	17.0	17.0
HML (t)	75.95	Lead Trailer (t)	20.0	21.0	22.5
Bridge Assessment	Tier 1	Dolly (t)	16.5	17.0	17.0
		Rear Trailer (t)	20.0	21.0	22.5
		The mass across axle groups is limited to -			
		Axle Groups	GML	CML	HML
		2 to 4	52.00	54.00	55.50
		2 to 5	63.45	65.45	69.45
		3 to 5	53.35	55.35	58.85

Table 7
Prime Mover 2, 4 and Trailer Set 2

Mass Limits	Level 2	Axle Group Masses	Level 2		
			GML	CML	HML
GML (t)	69.9	Steer (t)	6.5	6.5	6.5
CML (t)	71.9	Drive (t)	16.5	17.0	17.0
HML (t)	75.9	Lead Trailer (t)	20.0	21.0	22.5
Bridge Assessment	Tier 1	Dolly (t)	16.5	17.0	17.0
		Rear Trailer (t)	20.0	21.0	22.5
		The mass across axle groups is limited to -			
		Axle Groups	GML	CML	HML
		2 to 4	51.95	53.95	55.45
		2 to 5	63.40	65.40	69.40
		3 to 5	53.35	55.35	58.85

Table 8
Prime Mover 2, 4 and Trailer Set 3

Mass Limits	Level 2	Axle Group Masses	Level 2		
			GML	CML	HML
GML (t)	68.9	Steer (t)	6.5	6.5	6.5
CML (t)	70.9	Drive (t)	16.5	17.0	17.0
HML (t)	74.9	Lead Trailer (t)	20.0	21.0	22.5
Bridge Assessment	Tier 1	Dolly (t)	16.5	17.0	17.0
		Rear Trailer (t)	20.0	21.0	22.5
		The mass across axle groups is limited to -			
		Axle Groups	GML	CML	HML
		2 to 4	51.40	53.40	54.90
		2 to 5	62.40	64.40	68.40
		3 to 5	52.80	54.80	58.30

Table 9
Prime Mover 2, 4 and Trailer Set 4

Mass Limits	Level 2	Axle Group Masses	Level 2		
			GML	CML	HML
GML (t)	69.5	Steer (t)	6.5	6.5	6.5
CML (t)	71.5	Drive (t)	16.5	17.0	17.0
HML (t)	75.5	Lead Trailer (t)	20.0	21.0	22.5
Bridge Assessment	Tier 1	Dolly (t)	16.5	17.0	17.0
		Rear Trailer (t)	20.0	21.0	22.5
		The mass across axle groups is limited to -			
		Axle Groups	GML	CML	HML
		2 to 4	52.00	54.00	55.50
		2 to 5	63.00	65.00	69.00
		3 to 5	52.95	54.95	58.45

Table 10
Prime Mover 3 and Trailer Set 1

Mass Limits	Level 2	Axle Group Masses	Level 2		
			GML	CML	HML
GML (t)	69.7	Steer (t)	6.5	6.5	6.5
CML (t)	71.7	Drive (t)	16.5	17.0	17.0
HML (t)	75.7	Lead Trailer (t)	20.0	21.0	22.5
Bridge Assessment	Tier 1	Dolly (t)	16.5	17.0	17.0
		Rear Trailer (t)	20.0	21.0	22.5
		The mass across axle groups is limited to -			
		Axle Groups	GML	CML	HML
		2 to 4	51.75	53.75	55.25
		2 to 5	63.20	65.20	69.20
		3 to 5	53.35	55.35	58.85

Table 11
Prime Mover 3 and Trailer Set 2

Mass Limits	Level 2	Axle Group Masses	Level 2		
			GML	CML	HML
GML (t)	69.65	Steer (t)	6.5	6.5	6.5
CML (t)	71.65	Drive (t)	16.5	17.0	17.0
HML (t)	75.65	Lead Trailer (t)	20.0	21.0	22.5
Bridge Assessment	Tier 1	Dolly (t)	16.5	17.0	17.0
		Rear Trailer (t)	20.0	21.0	22.5
		The mass across axle groups is limited to -			
		Axle Groups	GML	CML	HML
		2 to 4	51.75	53.75	55.25
		2 to 5	63.15	65.15	69.15
		3 to 5	53.35	55.35	58.85

Table 12
Prime Mover 3 and Trailer Set 3

Mass Limits	Level 2	Axle Group Masses	Level 2		
			GML	CML	HML
GML (t)	68.7	Steer (t)	6.5	6.5	6.5
CML (t)	70.7	Drive (t)	16.5	17.0	17.0
HML (t)	74.7	Lead Trailer (t)	20.0	21.0	22.5
Bridge Assessment	Tier 1	Dolly (t)	16.5	17.0	17.0
		Rear Trailer (t)	20.0	21.0	22.5
		The mass across axle groups is limited to -			
		Axle Groups	GML	CML	HML
		1 to 4	58.95	60.95	62.45
		2 to 4	51.20	53.20	54.70
		2 to 5	62.20	64.20	68.20
		3 to 5	52.80	54.80	58.30

Table 13
Prime Mover 3 and Trailer Set 4

Mass Limits	Level 2	Axle Group Masses	Level 2		
			GML	CML	HML
GML (t)	69.3	Steer (t)	6.5	6.5	6.5
CML (t)	71.3	Drive (t)	16.5	17.0	17.0
HML (t)	75.3	Lead Trailer (t)	20.0	21.0	22.5
Bridge Assessment	Tier 1	Dolly (t)	16.5	17.0	17.0
		Rear Trailer (t)	20.0	21.0	22.5
The mass across axle groups is limited to -					
Axle Groups			GML	CML	HML
2 to 4			51.75	53.75	55.25
2 to 5			62.80	64.80	68.80
3 to 5			52.95	54.95	58.45

Table 14
Prime Mover 5 and Trailer Set 1

Mass Limits	Level 2	Axle Group Masses	Level 2		
			GML	CML	HML
GML (t)	69.85	Steer (t)	6.5	6.5	6.5
CML (t)	71.85	Drive (t)	16.5	17.0	17.0
HML (t)	75.85	Lead Trailer (t)	20.0	21.0	22.5
Bridge Assessment	Tier 1	Dolly (t)	16.5	17.0	17.0
		Rear Trailer (t)	20.0	21.0	22.5
The mass across axle groups is limited to -					
Axle Groups			GML	CML	HML
2 to 4			51.90	53.90	55.40
2 to 5			63.35	65.35	69.35
3 to 5			53.35	55.35	58.85

Table 15
Prime Mover 5 and Trailer Set 2

Mass Limits		Level 2
GML (t)	69.8	
CML (t)	71.8	
HML (t)	75.8	
Bridge Assessment	Tier 1	

Axle Group Masses	Level 2		
	GML	CML	HML
Steer (t)	6.5	6.5	6.5
Drive (t)	16.5	17.0	17.0
Lead Trailer (t)	20.0	21.0	22.5
Dolly (t)	16.5	17.0	17.0
Rear Trailer (t)	20.0	21.0	22.5
The mass across axle groups is limited to -			
Axle Groups	GML	CML	HML
2 to 4	51.90	53.90	55.40
2 to 5	63.30	65.30	69.30
3 to 5	53.35	55.35	58.85

Table 16
Prime Mover 5 and Trailer Set 3

Mass Limits		Level 2
GML (t)	68.85	
CML (t)	70.85	
HML (t)	74.85	
Bridge Assessment	Tier 1	

Axle Group Masses	Level 2		
	GML	CML	HML
Steer (t)	6.5	6.5	6.5
Drive (t)	16.5	17.0	17.0
Lead Trailer (t)	20.0	21.0	22.5
Dolly (t)	16.5	17.0	17.0
Rear Trailer (t)	20.0	21.0	22.5
The mass across axle groups is limited to -			
Axle Groups	GML	CML	HML
1 to 4	59.10	61.10	62.60
2 to 4	51.35	53.35	54.85
2 to 5	62.35	64.35	68.35
3 to 5	52.80	54.80	58.30

Table 17
Prime Mover 5 and Trailer Set 4

Mass Limits	Level 2	Axle Group Masses	Level 2		
			GML	CML	HML
GML (t)	69.45	Steer (t)	6.5	6.5	6.5
CML (t)	71.45	Drive (t)	16.5	17.0	17.0
HML (t)	75.45	Lead Trailer (t)	20.0	21.0	22.5
Bridge Assessment	Tier 1	Dolly (t)	16.5	17.0	17.0
		Rear Trailer (t)	20.0	21.0	22.5
The mass across axle groups is limited to -					
		Axle Groups	GML	CML	HML
		2 to 4	51.90	53.90	55.40
		2 to 5	62.95	64.95	68.95
		3 to 5	52.95	54.95	58.45

Operating conditions

The NHVR approves the vehicles listed herein for the level shown in the “Mass Limits” table with the following operating conditions:

1. The total combination mass must not exceed the limits in the “Mass Limits” table.
2. The axle group masses must not exceed the limits in the “Axle Group Masses” table.
3. If the “Mass Limits” table specifies Tier 2 or Tier 3, a bridge assessment is required.
4. Maximum average payload heights measured from the floor of the bin must not exceed: (m)

Trailer Suspension	Standard Variant	
	Lead Trailer	Rear Trailer
Hendrickson AAT230/250	2.135	2.100

5. Maximum payload heights measured from the ground must not exceed: (m)

Trailer Suspension	Drop Deck Variant	
	Lead Trailer	Rear Trailer
Hendrickson AAL230/250	3.735	3.410

6. 6.5 tonne complying steer axle requirements:
 - an engine that complies with the engine emission standards of Australian Design Rule (ADR) 80/01 (Euro 4) or a later version of ADR 80; and
 - a front underrun protection device (FUPD) that complies with UN ECE Regulation 93 or ADR 84; and
 - a cabin that complies with UN ECE Regulation 29.
7. Concessional Mass Limits (CML) requirements:
 - a National Heavy Vehicle Accreditation Scheme (NHVAS) – Mass Management Accreditation must be in force for all motor vehicles listed on this vehicle approval.
8. Higher Mass Limits (HML) requirements:
 - for tandem axles groups, road friendly suspensions;
 - for tri-axle groups, road friendly suspensions and a National Heavy Vehicle Accreditation Scheme (NHVAS) – Mass Management Accreditation must be in force for all motor vehicles listed on this vehicle approval.
9. When operating at Level 2, there is a minimum mass requirement for the drive axle group. The mass on the drive axle group must be at least 19.7% of the total combination mass e.g. at 79.5t total combination mass, $79.5 \times 0.197 = 15.7\text{t}$ is required on the drive axle group. This clause does not apply to an unladen vehicle.
10. If overall length exceeds 22m but does not exceed 30m, a “LONG VEHICLE” sign must be displayed at the rear of the vehicle.
11. The vehicle may only be operated above 85t at Level 2 under an agreement made with:
 - if a road authority for a jurisdiction is responsible for the roads on which the vehicle is likely to be operating—each responsible road authority; and
 - if 1 or more road managers are responsible for the roads on which the vehicle is likely to be operating—each responsible road manager.

Exemptions

Heavy Vehicle National Law Section 24

Heavy Vehicle (General) National Regulation Section 28

The following table lists exemptions from prescribed vehicle standards that have been granted for the vehicle(s) in this vehicle approval.

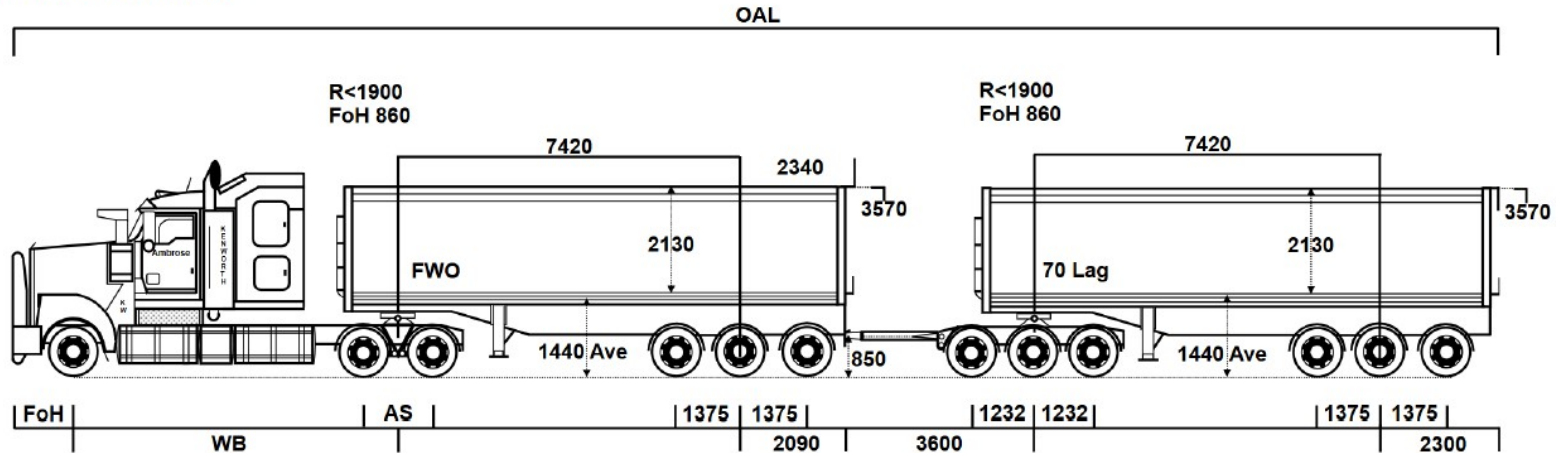
Exemptions	
ADR	NA
HV(MDL)NR	NA
HV(VS)NR	NA

ADR Australian Design Rules

HV(MDL)NR *Heavy Vehicle (Mass, Dimension and Loading) National Regulation*

HV(VS)NR *Heavy Vehicle (Vehicle Standards) National Regulation*

As Built – Standard Variant
Prime Mover 1-5 & Trailer Set 1

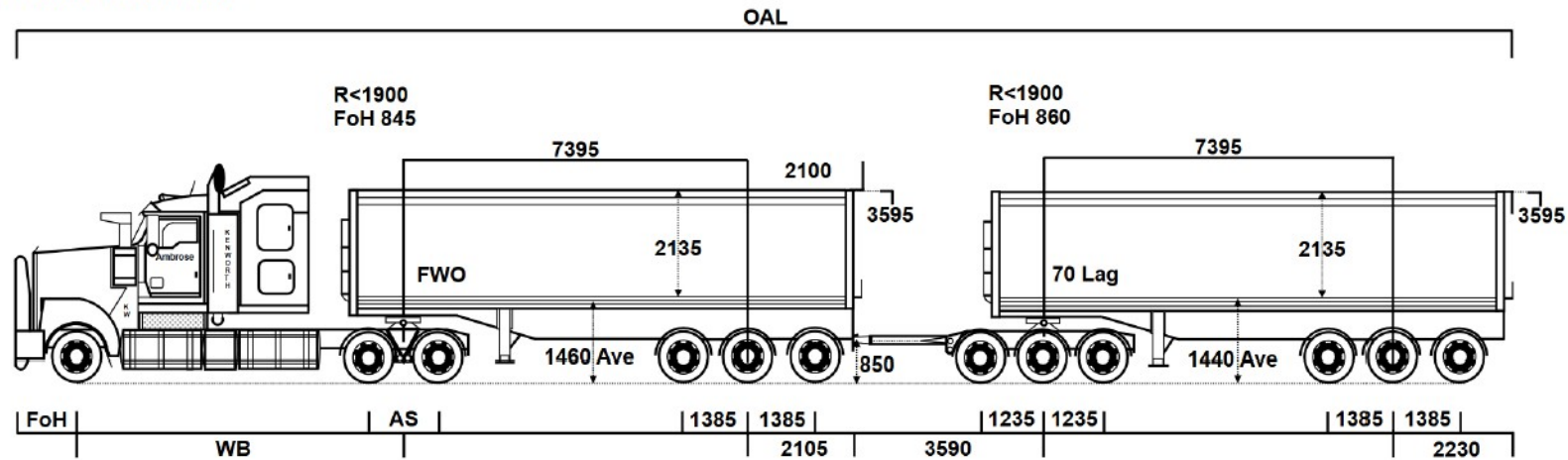


PM	FoH	WB	AS	FWO	OAL	PM	FoH	WB	AS	FWO	OAL
1	1050	5850	1300	200	29,600	4	1100	5790	1320	0	29,790
2	1040	5790	1320	0	29,730	5	1450	5500	1320	50	29,800
3	1020	5500	1320	150	29,270						

Ambrose-Tipper-Unladen	1-AMB-08-25	1	19/08/2025	NEBCOH
Title	Dwg. No.	Rev.	Date	Author

NEBCOH
AUDITORS AND CERTIFIERS

As Built – Standard Variant
Prime Mover 1-5 & Trailer Set 2

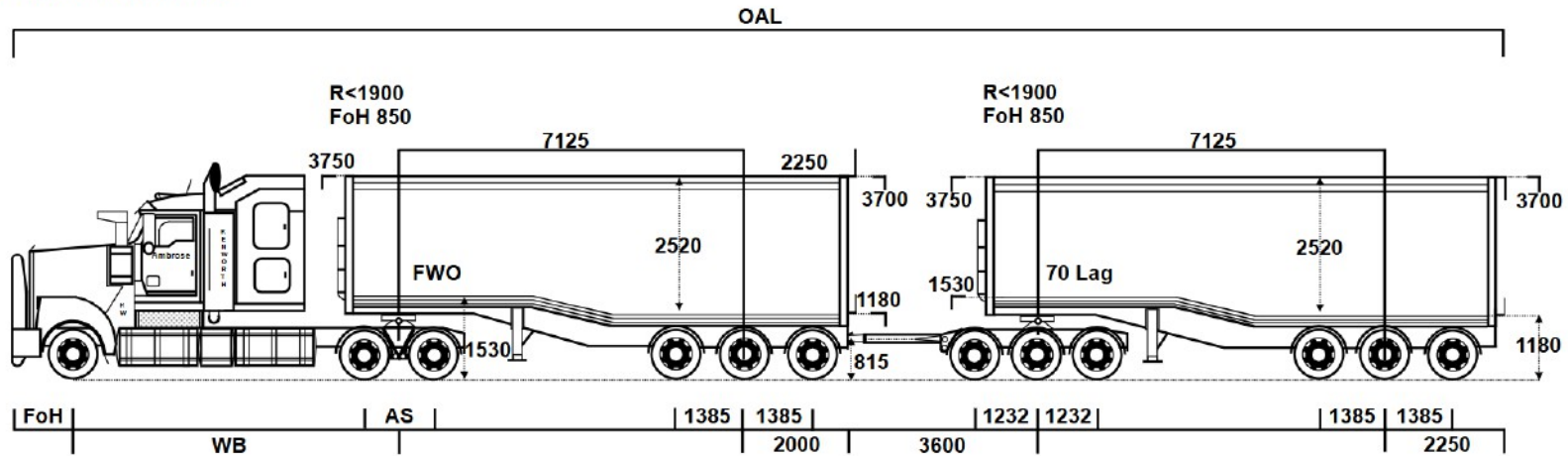


PM	FoH	WB	AS	FWO	OAL	PM	FoH	WB	AS	FWO	OAL
1	1050	5850	1300	200	29,485	4	1100	5790	1320	0	29,675
2	1040	5790	1320	0	29,615	5	1450	5500	1320	50	29,685
3	1020	5500	1320	150	29,155						

Ambrose-Tipper-Unladen	2-AMB-08-25	1	19/08/2025	NEBCOH
Title	Dwg. No.	Rev.	Date	Author



As Built – Drop Deck Variant
Prime Mover 1-5 & Trailer Set 3

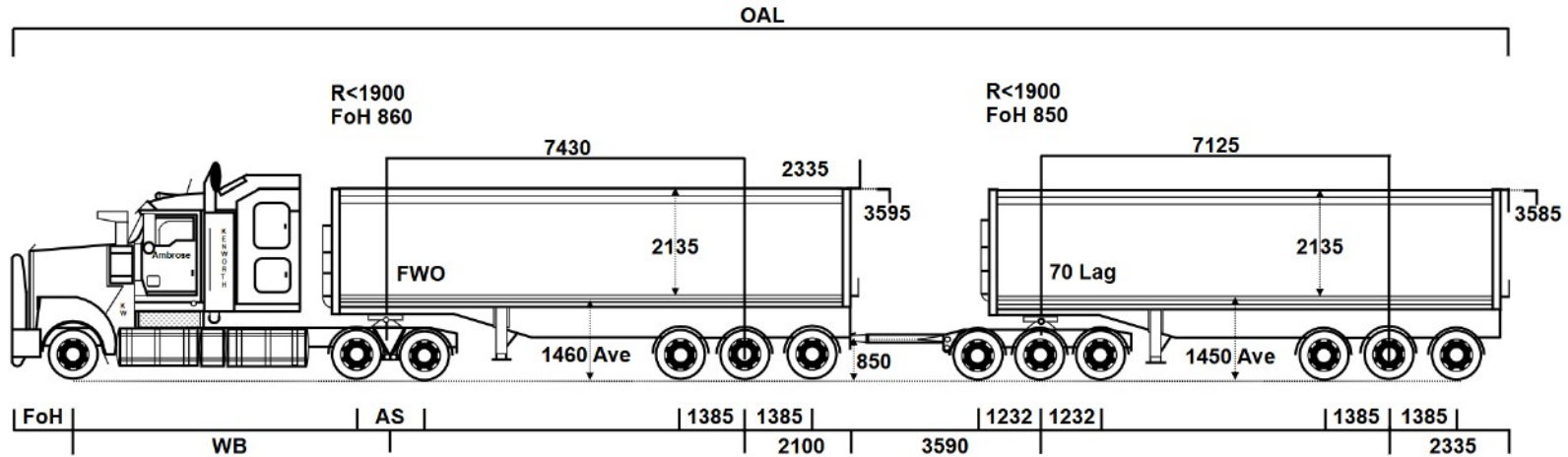


PM	FoH	WB	AS	FWO	OAL	PM	FoH	WB	AS	FWO	OAL
1	1050	5850	1300	200	28,870	4	1100	5790	1320	0	29,060
2	1040	5790	1320	0	29,000	5	1450	5500	1320	50	29,070
3	1020	5500	1320	150	28,540						

Ambrose-Tipper-Unladen	3-AMB-08-25	1	19/08/2025	NEBCOH
Title	Dwg. No.	Rev.	Date	Author

NEBCOH
AUDITORS AND CERTIFIERS

As Built – Standard Variant
Prime Mover 1-5 & Trailer Set 4



PM	FoH	WB	AS	FWO	OAL	PM	FoH	WB	AS	FWO	OAL
1	1050	5850	1300	200	29,350	4	1100	5790	1320	0	29,540
2	1040	5790	1320	0	29,480	5	1450	5500	1320	50	29,550
3	1020	5500	1320	150	29,020						

Ambrose-Tipper-Unladen	4-AMB-08-25	1	19/08/2025	NEBCOH
Title	Dwg. No.	Rev.	Date	Author

NEBCOH
AUDITORS AND CERTIFIERS

APPROVED TYRE OPTIONS – OPTION 1 (STANDARD VARIANT)

If **no** trailing unit suspensions are fitted with TMC, Weweler or K Hitch suspension

Steer –

6.5t axle mass limit

- **11R22.5** (Load Index **149** or higher, single configuration)
- **295/80R22.5** (Load Index **152** or higher, single configuration)
- **315/80R22.5** (Load Index **156** or higher, single configuration)
- **385/65R22.5** (Load Index **158** or higher, single configuration)
- **305/70R22.5** (Load Index **150** or higher, single configuration)
- **315/70R22.5** (Load Index **152** or higher, single configuration)

6.0t axle mass limit

- **11R22.5** (Load Index **146** or higher, single configuration)

Drive –

- **11R22.5** (Load Index **142** or higher, dual configuration)
- **295/80R22.5** (Load Index **147** or higher, dual configuration)
- **315/80R22.5** (Load Index **150** or higher, dual configuration)
- **305/70R22.5** (Load Index **148** or higher, dual configuration)
- **275/70R22.5** (Load Index **141** or higher, dual configuration)

Trailer –

- **11R22.5** (Load Index **142** or higher, dual configuration)

Tyre load index and inflation pressure must be appropriate for the axle mass (inflation pressures must be within legal inflation limits)

Retread tyres are only permitted on the drive, dolly, and trailer axles.

Tyres listed herein are specific for PBS application number V170201.

A different list of tyres will apply for other combination types and different PBS application numbers.

APPROVED TYRE OPTIONS – OPTION 2 (STANDARD VARIANT)

IF **NO** TRAILING UNIT SUSPENSIONS ARE FITTED WITH TMC, WEWELER OR K HITCH SUSPENSION

Steer –

6.5t axle mass limit

- **11R22.5** (Load Index **149** or higher, single configuration)
- **295/80R22.5** (Load Index **152** or higher, single configuration)
- **315/80R22.5** (Load Index **156** or higher, single configuration)
- **385/65R22.5** (Load Index **158** or higher, single configuration)
- **305/70R22.5** (Load Index **150** or higher, single configuration)
- **315/70R22.5** (Load Index **152** or higher, single configuration)

6.0t axle mass limit

- **11R22.5** (Load Index **146** or higher, single configuration)

Drive–

- **11R22.5** (Load Index **142** or higher, dual configuration)
- **295/80R22.5** (Load Index **148** or higher, dual configuration)

Trailer –

- **11R22.5** (Load Index **142** or higher, dual configuration)

Tyre load index and inflation pressure must be appropriate for the axle mass (inflation pressures must be within legal inflation limits)

Retread tyres are only permitted on the drive, dolly, and trailer axles.

Tyres listed herein are specific for PBS application number V170201.

A different list of tyres will apply for other combination types and different PBS application numbers.

APPROVED TYRE OPTIONS – OPTION 1 (DROP DECK VARIANT)

Steer –*6.5t axle mass limit*

- **11R22.5** (Load Index **149** or higher, single configuration)
- **295/80R22.5** (Load Index **152** or higher, single configuration)
- **315/80R22.5** (Load Index **156** or higher, single configuration)
- **385/65R22.5** (Load Index **158** or higher, single configuration)
- **305/70R22.5** (Load Index **150** or higher, single configuration)
- **315/70R22.5** (Load Index **152** or higher, single configuration)

6.0t axle mass limit

- **11R22.5** (Load Index **146** or higher, single configuration)

Drive –

- **11R22.5** (Load Index **142** or higher, dual configuration)
- **295/80R22.5** (Load Index **147** or higher, dual configuration)
- **315/80R22.5** (Load Index **150** or higher, dual configuration)
- **305/70R22.5** (Load Index **148** or higher, dual configuration)
- **275/70R22.5** (Load Index **141** or higher, dual configuration)

Trailer –

- **11R22.5** (Load Index **142** or higher, dual configuration)

Tyre load index and inflation pressure must be appropriate for the axle mass (inflation pressures must be within legal inflation limits)

Retread tyres are only permitted on the drive, dolly, and trailer axles.

Tyres listed herein are specific for PBS application number V170201.

A different list of tyres will apply for other combination types and different PBS application numbers.

APPROVED TYRE OPTIONS – OPTION 2 (DROP DECK VARIANT)

Steer –*6.5t axle mass limit*

- **11R22.5** (Load Index **149** or higher, single configuration)
- **295/80R22.5** (Load Index **152** or higher, single configuration)
- **315/80R22.5** (Load Index **156** or higher, single configuration)
- **385/65R22.5** (Load Index **158** or higher, single configuration)
- **305/70R22.5** (Load Index **150** or higher, single configuration)
- **315/70R22.5** (Load Index **152** or higher, single configuration)

6.0t axle mass limit

- **11R22.5** (Load Index **146** or higher, single configuration)

Drive –

- **11R22.5** (Load Index **142** or higher, dual configuration)
- **295/80R22.5** (Load Index **148** or higher, dual configuration)

Trailer –

- **11R22.5** (Load Index **142** or higher, dual configuration)

Tyre load index and inflation pressure must be appropriate for the axle mass (inflation pressures must be within legal inflation limits)

Retread tyres are only permitted on the drive, dolly, and trailer axles.

Tyres listed herein are specific for PBS application number V170201.

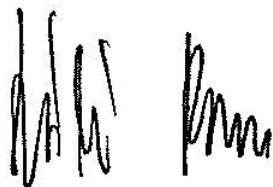
A different list of tyres will apply for other combination types and different PBS application numbers.

Axle spacings for as-built combinations - A-double (1-2-3-3-3)

PM	TS	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	OAL
1	1	5200	1300	5195	1375	1375	3083	1232	1232	4883	1375	1375	29600
1	2	5200	1300	5160	1385	1385	3075	1235	1235	4845	1385	1385	29485
1	3	5200	1300	4890	1385	1385	2983	1232	1232	4578	1385	1385	28870
1	4	5200	1300	5195	1385	1385	3070	1235	1235	4575	1385	1385	29350
2	1	5130	1320	5385	1375	1375	3083	1232	1232	4883	1375	1375	29730
2	2	5130	1320	5350	1385	1385	3075	1235	1235	4845	1385	1385	29615
2	3	5130	1320	5080	1385	1385	2983	1232	1232	4578	1385	1385	29000
2	4	5130	1320	5385	1385	1385	3070	1235	1235	4575	1385	1385	29480
3	1	4840	1320	5235	1375	1375	3083	1232	1232	4883	1375	1375	29270
3	2	4840	1320	5200	1385	1385	3075	1235	1235	4845	1385	1385	29155
3	3	4840	1320	4930	1385	1385	2983	1232	1232	4578	1385	1385	28540
3	4	4840	1320	5235	1385	1385	3070	1235	1235	4575	1385	1385	29020
4	1	5130	1320	5385	1375	1375	3083	1232	1232	4883	1375	1375	29790
4	2	5130	1320	5350	1385	1385	3075	1235	1235	4845	1385	1385	29675
4	3	5130	1320	5080	1385	1385	2983	1232	1232	4578	1385	1385	29060
4	4	5130	1320	5385	1385	1385	3070	1235	1235	4575	1385	1385	29540
5	1	4840	1320	5335	1375	1375	3083	1232	1232	4883	1375	1375	29800
5	2	4840	1320	5300	1385	1385	3075	1235	1235	4845	1385	1385	29685
5	3	4840	1320	5030	1385	1385	2983	1232	1232	4578	1385	1385	29070
5	4	4840	1320	5335	1385	1385	3070	1235	1235	4575	1385	1385	29550

Declaration

I, Laszlo Bruzsa Chief Engineer, delegate of the National Heavy Vehicle Regulator, approve this PBS Vehicle Approval PBS–V170201 –VA21663.



Laszlo (Les) Bruzsa
Chief Engineer
National Heavy Vehicle Regulator
Dated: 15/04/26

Revision table

N	VA	Vers	Brief description	Date
1	6910	1A	Amalgamation of VA6853 and VA5357.	20/09/19
2	7420	1A	Adding 2x prime movers; removing 2x prime movers (6F2SFAN00CDV30068, 5KKJBEBG8DPFF0966) to VA6910 (additional VINs listed in bold).	03/03/20
3	9330	1A	Adding 1x prime mover, 2x trailers, 1x dolly to VA7420 (additional VINs listed in bold).	08/07/21
4	10045	1A	Adding 1x trailer, 1x dolly; Removing, 1x trailer, 1x dolly from VA9330 (additional VINs listed in bold).	23/10/21
5	10045	1B	Corrected technical drawing and combination matrix for drop deck variant.	25/10/21
6	10045	2A	Adding 1x prime mover, 2x trailers, 1x dolly (additional VINs listed in bold).	25/01/22
7	10045	3A	Adding 1x prime mover, 2x trailers, 1x dolly (additional VINs listed in bold).	24/02/22
8	10045	4A	Adding 2x trailers, 1x dolly (additional VINs listed in bold).	20/05/22
9	10045	5A	Adding 2x prime movers, 2x trailers, 1x dolly (additional VINs listed in bold).	16/07/22
10	10045	6A	Adding 2x trailers, 1x dolly (additional VINs listed in bold).	01/11/22
11	10045	7A	Adding 4x trailers, 2x dollies (additional VINs listed in bold).	02/03/23
12	10045	8A	Adding 4x trailers, 2x dollies (additional VINs listed in bold).	12/06/23
13	10045	9A	Adding 1x prime mover (additional VINs listed in bold).	05/02/24
14	20771	1A	Adding 3x prime movers to VA10045 (additional VINs listed in bold).	07/08/25
15	20771	2A	Adding 1x prime mover (additional VINs listed in bold).	11/08/25
16	20771	3A	Adding 1x prime mover, 1x dolly (additional VINs listed in bold).	21/08/25
17	21663	1A	Adding 1x prime mover to VA20771 (additional VINs listed in bold).	04/11/25
18	21663	2A	Adding 1x prime mover (additional VINs listed in bold).	15/04/26

Important information

The driver must keep in the driver's possession a copy of this Vehicle Approval and be able to produce it for inspection by compliance officers. Penalties can apply.

If changes or modifications are required, these are limited to the specifications contained in the relevant PBS Design Approval and the Application for Design Approval Part A and B. Contact the applicant (see the cover page on this document) for information related to the allowed specifications.

A change of components and/or dimensions must be certified by an approved [PBS Certifier](#) and an updated version of this Vehicle Approval must be obtained. A change of tyres, outside of the list contained on this Vehicle Approval, also requires approval but will not require an inspection by a PBS Certifier.

If VA contains multiple tyre option tables, all tyre selections must be chosen from the same tyre options table. Tyres from different tyre options tables are not interchangeable.

Road access

The PBS Vehicle Approval is not an authorisation to access the road network. You must comply with the relevant Notice or obtain an access permit. To apply for an access permit, visit the [NHVR Portal](#).

For more information on PBS Notices visit:

[National Class 2 PBS Level 1 & 2a Truck and Dog Trailer Authorisation Notice 2021 \(No.1\)](#)

[National Class 2 Performance Based Standards \(High Productivity\) Authorisation Notice](#)

[National Class 2 Performance Based Standards \(Tier 1\) Authorisation Notice 2021](#)

If you add vehicles to your PBS Vehicle Approval, the PBS Vehicle Approval number may change depending on the new vehicles added. If the PBS Vehicle Approval number has changed, and your access permit references a PBS Vehicle Approval number, your access permit will need to be amended to reflect the latest Vehicle Approval number. Note that most truck and dog access permits will not reference a PBS Vehicle Approval number and therefore changes to the Vehicle Approval do not require an update to the access permit. For more information, watch [Adding vehicles to a PBS Vehicle Approval](#) video on our YouTube channel.

For more information, please visit our website at www.nhvr.gov.au or call 13 NHVR (13 64 87).

For queries relating to this document please contact the PBS Operations Team at pbs@nhvr.gov.au.

Manage your PBS Vehicle Approval

Please visit our [website](#) to view a list of available options and associated forms to manage your PBS Vehicle Approval.