

# Appendix 2

Ardmore Park Quarry – Modification 3

## Applicant's Heavy Vehicle PBS Authority Permit

issued by

National Heavy Vehicle Regulator

(Total No. of pages including blank pages = 24)

30 July 2018

**MULTIQUIP QUARRIES**

*Ardmore Park Quarry  
Appendix 2*

**RESPONSE TO SUBMISSIONS**

*PA 07\_0155 MOD3  
Report No. 625/25*

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Permit Number

168751 v4

## Class 2 – Heavy Vehicle PBS Authorisation Permit

### Heavy Vehicle National Law

This Permit is issued under the provisions of **Section 143 of the Heavy Vehicle National Law Act 2012** for the operation of a Class 2 vehicle (*as defined in this Permit*) subject to the conditions set out in this Permit and any attachments.

### Permit details

This Permit is issued to

Multiquip Aggregates

Address

260 Tenth Avenue

Austral, NSW

Postcode 2179

Description of vehicle combination

A-Double (2-2-2)

### Issue period

From

30/07/2018

To

09/07/2021



Permit Number

168751 v4

Authorised Routes

Area of operation

New South Wales

PBS level 2

GML

The vehicle is permitted to operate at General Mass Limits (GML) 65.15 tonnes Gross Combination Mass (GCM) on all state controlled roads approved under 'PBS Level 2A GML and CML Network' in New South Wales.

For access and route information in NSW: [www.rms.nsw.gov.au/pbsmap](http://www.rms.nsw.gov.au/pbsmap)

Journey Planner ID

N/A

Trip details

Turn by turn description

GML

The vehicle is permitted to operate at General Mass Limits (GML) 72.5 tonnes Gross Combination Mass on the following numbered routes (1-4)

CML

The vehicle is permitted to operate at Concessional Mass Limits (CML) 74.5 tonnes Gross Combination Mass on the following numbered routes (1-4)

1) Start: 5100 Oallen Ford Rd, Bungonia NSW 2580

Oallen Ford Rd, Bungonia

Mountain Ash Rd, Bungonia

Jerrara Rd, Marulan

Hume Hwy, Sutton Forest

Hume Mtwy, [Berrima - Menangle Park]

Hume Hwy, Menangle Park

Hume Mtwy, [Mount Annan - Bardia]

South Western Mtwy, Bardia

Westlink M7, Eastern Creek

Western Mtwy, Granville

James Ruse Dr, [Rosehill - Parramatta]

Victoria Rd, Parramatta

Silverwater Rd, [Ermington - Silverwater]

Clyde St, Silverwater

End: 2 Clyde St, Silverwater NSW 2128

Return via reversal of route.

2) Start: 5100 Oallen Ford Rd, Bungonia NSW 2580

Oallen Ford Rd, Bungonia

Private Bypass Rd, Bungonia

Mountain Ash Rd, Bungonia

Jerrara Rd, [Bungonia - Marulan]

Hume Hwy, Sutton Forest

Hume Mtwy, [Berrima - Mount Annan]

Narellan Rd, Narellan

Camden Valley Way, [Narellan - Smeaton Grange]

Anderson Rd, Smeaton Grange

Anzac Ave, Smeaton Grange

## RESPONSE TO SUBMISSIONS

PA 07\_0155 MOD3

Report No. 625/25

## MULTIQUIP QUARRIES

Ardmore Park Quarry

Appendix 2



### Permit Number

168751 v4

Hartley Rd, Smeaton Grange  
Sedgwick St, Smeaton Grange  
End: Gunlake, 10 Sedgwick St, Smeaton Grange NSW 2567  
Return via reversal of route

3) Start: 5100 Oallen Ford Rd, Bungonia NSW 2580  
Oallen Ford Rd, Bungonia  
Private Bypass Rd, Bungonia  
Mountain Ash Rd, Bungonia  
Jerrara Rd, [Bungonia - Marulan]  
Hume Hwy, Sutton Forest  
Hume Mtwy, Berrima  
South Western Fwy, Glenfield  
Westlink M7, Prestons  
Bermera Rd, Prestons  
End: 12 Bernera Rd, Prestons NSW 2170  
Return via reversal of route

4) Start: 5100 Oallen Ford Rd, Bungonia NSW 2580  
Oallen Ford Rd, Bungonia  
Private Bypass Rd, Bungonia  
Mountain Ash Rd, Bungonia  
Jerrara Rd, [Bungonia - Marulan]  
Hume Hwy, Sutton Forest  
Hume Mtwy, Berrima  
Picton Rd, Picton  
End: 240 Picton Rd, Picton NSW 2571  
Return via reversal of route

### Road Conditions

#### Roads and Maritime Services (RMS) Intelligent Access Program (IAP)

The vehicle must be enrolled in Intelligent Access Program (IAP).

1. The hauling unit must be enrolled and monitored in the IAP with Roads and Maritime Services in accordance with Chapter 7 of the Heavy Vehicle National Law and Schedule 5 of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation.

2. The Certificate of Enrolment issued by Roads and Maritime Services must be carried in the vehicle which indicates the vehicle is monitored under the appropriate scheme.

3. The operator (or person acting on behalf of the operator, including the driver) of the vehicle and/or combination must meet the mass declaration requirements under the IAP by declaring:

- (a) the vehicle configuration; and
- (b) the number of axles in the configuration; and
- (c) the Total Combination Mass (TCM) of the vehicle configuration.

'Total Combination Mass (TCM)' is the total mass of the hauling unit, and any attached trailers plus any load onboard the vehicle combination.

4. The information contained in Clause 3(a) - (c) must be declared at each of the following times:

- (a) at the start of the journey; and/or
- (b) whenever there is a change in vehicle configuration; and/or
- (c) whenever there is a change in the TCM of the vehicle configuration; and/or



**Permit Number**

168751 v4

(d) whenever promoted by the Self Declaration Input Device (SDID), if a SDID is available in the vehicle.

5. Mass declaration requirements under the IAP must be made using one of the following methods:  
 (a) through the SDID in the vehicle that is certified by Transport Certification Australia (TCA) and linked to the IAP Service Provider; or  
 (b) through an alternative method approved and certified by TCA.

6. Enrolment under the IAP does not transfer upon change of registered operator/ownership.

7. Where a permit is issued to multiple vehicles, the conditions specified in Clauses 1 to 6 apply to each vehicle listed in the permit.

**Travel Conditions**

**Roads and Maritime Services (RMS)**  
 Compliance with any listed conditions applicable to the area or route shown on the 'PBS 2A GML and CML network' or 'PBS 2A HML network' map available at [www.rms.nsw.gov.au/pbsmap](http://www.rms.nsw.gov.au/pbsmap).

**Vehicle Conditions**

The vehicle combination must comply with the Vehicle Approval "PBS – V180307 – VA4990 – Muscat Trailers / Multiquip Aggregates – v2" unless anything contrary is applied within this permit.

Axle groups and mass limits must not exceed the limits as specified in the Vehicle Approval.

**Other Conditions**

The driver must keep a copy of the PBS Final/Vehicle approval for this permit in the driver's possession.

**Roads and Maritime Services (RMS)**  
Route number 1  
 No right turn from Clyde Street onto Silverwater Road  
 A local turning restriction exists at the intersection of Silverwater Road and Clyde Street.

**Parramatta City Council**  
 Operator must protect traffic island at Clyde Street near Silverwater Road when makes turn into Clyde Street from Silverwater Road.

**The driver of the heavy vehicle who is driving a vehicle that is subject to a permit issued under the HVNL must keep a copy of the permit for the exemption in the driver's possession.**

**The driver or operator of a heavy vehicle being used on a road that is subject to a permit issued under the HVNL must not contravene a condition of the permit.**

**The driver or operator must comply with the provisions of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation unless anything contrary is applied within this permit.**

**It is an offence to operate a vehicle at a mass limit greater than indicated by an official traffic sign.**



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168751 v4

**Declaration**

Delegate of the National Heavy Vehicle Regulator

Signed:

A handwritten signature in black ink, appearing to read 'Peter Caprioli', is written over a horizontal line.

Peter Caprioli  
Director Heavy Vehicle Access and Standards

Dated: 30/07/2018

Attachments No  Yes  Specify

PBS – V180307 – VA4990 – Muscat Trailers / Multiquip Aggregates – v2

**Disclaimer:**

The National Heavy Vehicle Regulator (NHVR) accepts no liability for any errors or omissions and gives no warranty or guarantee that the material, information, maps or publications made accessible are accurate, complete, current or fit for any use whatsoever. The information contained within the NHVR Route Planner online map system is subject to change without notice.

The National Heavy Vehicle Regulator (NHVR) accepts no liability for the information provided within the authorised route as part of this exemption/authorisation. The operator must ensure prior to travel that the roads/areas/networks listed in the authorised route are still current and accessible as the approved network is subject to change at any given time.

To the extent permitted by law, NHVR excludes liability for any loss (including loss from viruses, or consequential damage) caused by use of or reliance on the NHVR Route Planner.

Access to the Application is only provided for your personal use. You may not sell or rebrand information obtained from the NHVR Route Planner without NHVR’s written permission, or represent that the information is from a source other than NHVR.

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**END OF DOCUMENT**



PBS Vehicle Approval – V110308 – VA3988

Performance-Based Standards (PBS)  
Vehicle Approval

Heavy Vehicle National Law Section 23

Heavy Vehicle (General) National Regulation Section 17

This is not an authorisation to access the road network.  
You must comply with the relevant Notice or if required, obtain an access permit.

17 October 2017

**Ref No: PBS – V110308 – VA3988 – Muscat Trailers / Multi Quip Transport – v1**

This PBS Vehicle Approval modifies any previously issued approval for the vehicles listed herein operating under Application Number V110308.

Applicant details	Meng Bun Doung Muscat Trailers 7 Graham Hill Rd Narellan NSW 2567	Operator	Multi Quip Transport 260 Tenth Ave Austral NSW 2179
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Application Number	V110308	Vehicle	3-axle truck 4-axle dog
Load	Quarry and Bulk	Length (mm)	≤ 19000
Assessor	Hans Prem	Height (mm)	≤ 4300

Mass Limits	Level 2
GML (t)	56.0
CML (t)	57.5
HML (t)	57.5
Bridge Assessment	Tier 1

Axle Group Masses	Level 2	
	GML	CML HML
Steer (t)	6.5	6.5
Drive (t)	16.5	17.0
Trailer Front (t)	16.5	17.0
Trailer Rear (t)	16.5	17.0





## PBS Vehicle Approval – V110308 – VA3988

### Operating conditions

The NHVR approves the vehicles listed herein for the level(s) 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 3, a bridge assessment is required.
4. Payload must be contained within the bins. Maximum payload heights measured from the ground must not exceed: (m)
  - Truck: 2.920
  - Trailer: 2.950
5. 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.
6. Concessional Mass Limits (CML) requirements:
  - National Heavy Vehicle Accreditation Scheme (NHVAS) – Mass Management Module.
7. Higher Mass Limits (HML) requirements:
  - for tandem axles groups, road friendly suspensions.
8. When the trailer mass exceeds the truck mass, at least 16t on the drive axle group is required. This clause does not apply for an unladen vehicle.

### 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

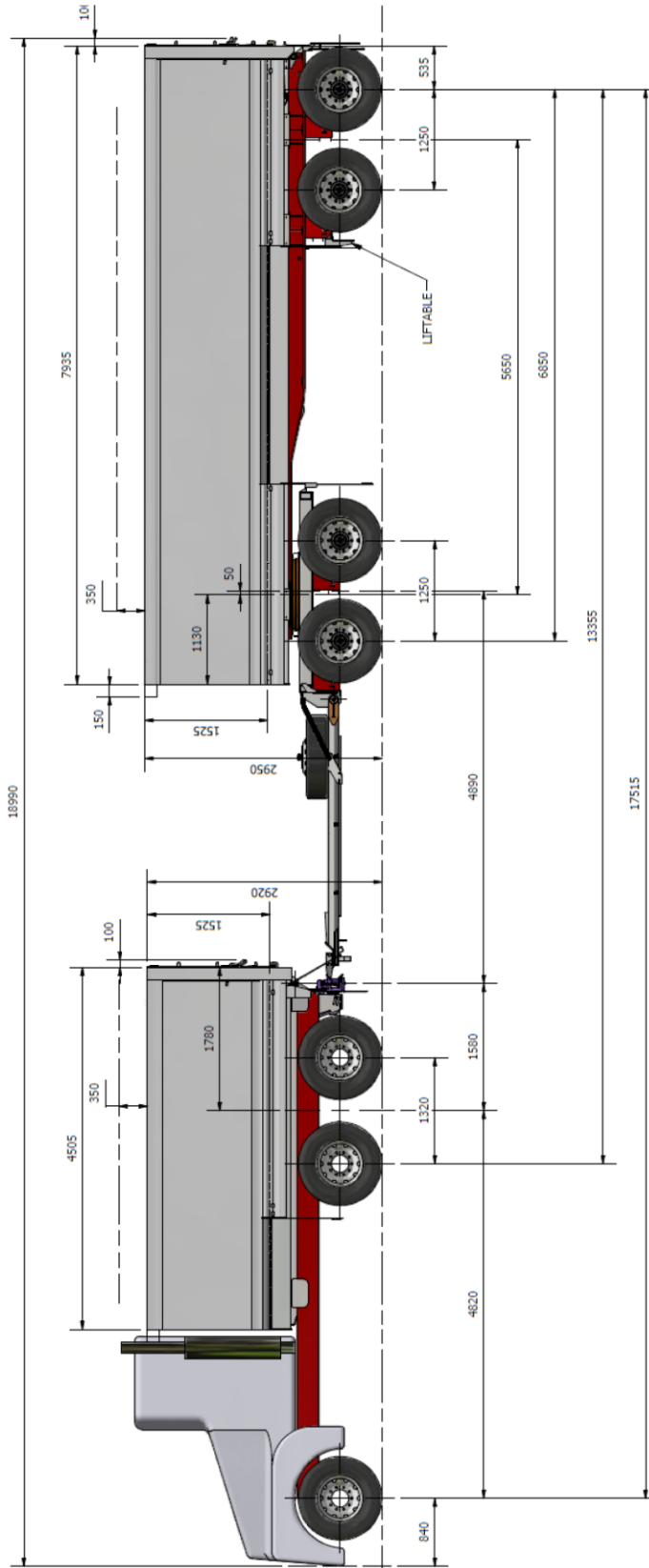
ADR Australian Design Rules

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

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



PBS Vehicle Approval – V110308 – VA3988





PBS Vehicle Approval – V110308 – VA3988

Details of truck(s) or prime mover(s)

Make	Kenworth
Model	T610SAR
VIN(s)	<b>6F5000000HA460326</b> <b>6F5000000HA460327</b>
Engine make/ model/ rating	Cummins / X15-550 578hp / 2,508Nm - ADR80/03
Transmission make/ model	Eaton / FO-22E318B-MXP
Differential make/ model/ FD ratio	Meritor / RT46-160GP / FDR 4.30:1
Suspension make/ model (Steer)	Kenworth / Parabolic
Suspension make/ model (Drive)	Kenworth / Airglide 460 RF2012
Tyres make/ size/ model (Steer)	295/80R22.5 Bridgestone R150 II
Tyres make/ size/ model (Drive)	11R22.5 Bridgestone M766
Brakes (Load Proportioning, ABS, ECB, etc.)	ABS
Tow coupling make/ D rating	Ringfeder 303aus – 320kN / 34.00 tonne
Wheelbase (mm)	4820
Vehicle height (Measured from the ground) (mm)	2920
Number of axles	3
ADR category	NC
GVM (kg)	26,500
GCM (kg)	97,000
Comments/ notes:	



PBS Vehicle Approval – V110308 – VA3988

Details of trailer(s) or dolly(s)

Type	Drawbar Trailer
Make	Muscat Trailers
Model	4 Axle Dog
VIN(s)	<b>6B9TAHHMTH2AU3247</b> <b>6B9TAHHMTH2AU3248</b>
Suspension make/ model	Hendrickson / Intraax AAT250 RF2009
Tyres make/ size/ model	11R22.5 Hankook TH22
Drawbar length (mm)	4890
Coupling make/ D rating	Ballrace BPW DK90-16 / 60,000 kg
Brakes (Load Proportioning, ABS, ECB, etc.)	ABS / EBS on 2 <sup>nd</sup> and 4 <sup>th</sup> Axles
Wheelbase (mm)	5650
Vehicle height (Measured from the ground) (mm)	2950
Number of axles	4
ADR category	TD
ATM (kg)	34,000
Comments/ notes: – 1 <sup>st</sup> Axle of 2 <sup>nd</sup> Tandem is lift-able	



PBS Vehicle Approval – V110308 – VA3988

Approved tyre options

**Steer –**

- 11R22.5 Michelin, Bridgestone, Goodyear, Dunlop, Continental, Chao Yang
- 295/80R22.5 Michelin, Bridgestone, Goodyear, Dunlop, Continental, Chao Yang

**Drive –** 11R22.5 Michelin XZA, X Multi D, XDE2+, Bridgestone M722, M711, M766, Goodyear G367 (G667), Dunlop SP430

**Trailer –** 11R22.5 Michelin XZA, XTE2, Bridgestone R295, R109, Firestone T559, Dunlop SP430, Goodyear LHT, Hankook TH22

Retread or regroove tyres are permitted, provided they are certified by the manufacturer that its performance is equivalent to a new tyre.

Tyre load ratings must be appropriate for the axle mass.

Tyres listed herein are specific for PBS application number V110308.

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

Declaration

I, Laszlo Bruzsa Chief Engineer, delegate of the National Heavy Vehicle Regulator approve this PBS Vehicle Approval PBS–V110308 –VA3988.

Laszlo (Les) Bruzsa  
 Chief Engineer  
 National Heavy Vehicle Regulator  
 Dated: 17/10/17

Revision table

N	Brief description	Date
1	First issue.	17/10/17



## PBS Vehicle Approval – V110308 – VA3988

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### Important information

As per Heavy Vehicle National Law Section 153, 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 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.

### Road access

This is not an authorisation to access the road network. You must comply with the relevant Notice or obtain an access permit.

Please note that if you add vehicles to a PBS Vehicle Approval you will need to update the access permit to reflect the latest Vehicle Approval. If the new vehicles have different masses or dimensions to what is already approved, the NHVR will have to seek Road Manager consent again; which may extend the time required to issue the new permit.

For more information on the PBS Truck and Dog Notice visit [National class 2 PBS level 1 and 2A truck and dog trailer authorisation notice 2016](#).

To apply for an access permit, visit the [NHVR Portal](#). You must supply a route ID when applying for an access permit. Use Route Planner to obtain your route ID, you can do this as part of the permit application process in the [NHVR Portal](#).

For further assistance please visit our website at [www.nhvr.gov.au](http://www.nhvr.gov.au) or call 1300 MYNHVR (1300 696 487).

For queries relating to this document please contact the PBS Coordinator at [pbs@nhvr.gov.au](mailto:pbs@nhvr.gov.au).

### Transfer of Vehicle Approval

When applying for an access permit for a PBS vehicle, a PBS Vehicle Approval must be in the name of the company that operates the vehicle on the road.

If/ when a PBS combination is sold, the PBS Vehicle Approval has to be transferred across to the new owner.

To transfer a PBS Vehicle Approval to a new owner, use a [Vehicle Approval transfer application form](#).



PBS Vehicle Approval – V180307 – VA4990

Performance-Based Standards (PBS)  
Vehicle Approval

Heavy Vehicle National Law Section 23

Heavy Vehicle (General) National Regulation Section 17

This is not an authorisation to access the road network.  
You must comply with the relevant Notice or if required, obtain an access permit.

19 June 2018

**Ref No: PBS – V180307 – VA4990 – Muscat Trailers / Multi Quip Transport – v1**

This PBS Vehicle Approval modifies any previously issued approval for the vehicles listed herein operating under Application Number V180307.

Applicant details	Meng Bun Doung Muscat Trailers 7 Graham Hill Rd Narellan DC NSW 2567	Operator	Multi Quip Transport 260 Tenth Ave Austral NSW 2179
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Application Number	V180307	Vehicle	A-Double (2-2-2)
Load	Quarry and Bulk	Length (mm)	≤ 25800
Assessor	Hans Prem	Height (mm)	≤ 4300



**PBS Vehicle Approval – V180307 – VA4990**

Mass Limits	Level 2
GML (t)	72.5
CML (t)	74.5
HML (t)	74.5
Bridge Assessment	Tier 3

Axle Group Masses	Level 2	
	GML	CML HML
Steer (t)	6.5	6.5
Drive (t)	16.5	17.0
Lead Trailer (t)	16.5	17.0
Dolly (t)	16.5	17.0
Rear Trailer (t)	16.5	17.0

Mass Limits	Level 2
GML (t)	65.15
CML (t)	67.15
HML (t)	67.15
Bridge Assessment	Tier 1

Axle Group Masses	Level 2	
	GML	CML HML
Steer (t)	6.5	6.5
Drive (t)	16.5	17.0
Lead Trailer (t)	16.5	17.0
Dolly (t)	12.95	13.45
Rear Trailer (t)	12.95	13.45





## PBS Vehicle Approval – V180307 – VA4990

### Operating conditions

The NHVR approves the vehicles listed herein for the level(s) 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 3, a bridge assessment is required.
4. Payload must be contained within the bins. Maximum payload heights measured from the ground must not exceed: (m)
  - o Lead Trailer: 3.100
  - o Rear Trailer: 2.945
5. 6.5 tonne complying steer axle requirements:
  - o 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
  - o a front underrun protection device (FUPD) that complies with UN ECE Regulation 93 or ADR 84; and
  - o a cabin that complies with UN ECE Regulation 29.
6. Concessional Mass Limits (CML) requirements:
  - o National Heavy Vehicle Accreditation Scheme (NHVAS) – Mass Management Module.
7. Higher Mass Limits (HML) requirements:
  - o for tandem axles groups, road friendly suspensions.
8. 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 20% of the total combination mass e.g. at 72.5t total combination mass,  $72.5 \times 0.2 = 14.5t$  is required on the drive axle group. This clause does not apply to an unladen vehicle.
9. If overall length exceeds 22m, a “LONG VEHICLE” sign must be displayed at the rear of the vehicle.

### 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	Rule 43, Clause 6.2.1 (Length – Trailers) Rule 63, Clause 5.1 (Tow coupling location)
HV(MDL)NR	Schedule 6, Section 4 (Length – Trailers)
HV(VS)NR	Schedule 3, Section 29 (Attachment of couplings and drawbar eyes on road trains)

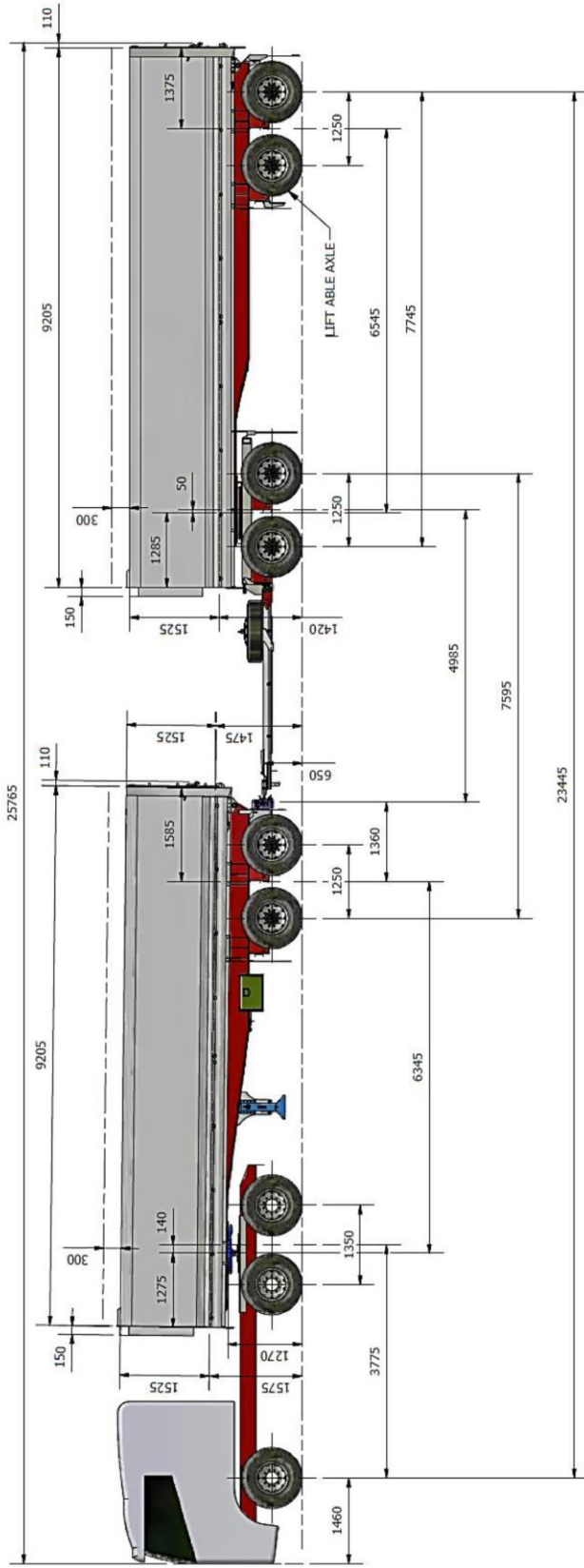
ADR Australian Design Rules

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

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



PBS Vehicle Approval – V180307 – VA4990





**PBS Vehicle Approval – V180307 – VA4990**

**Details of truck(s) or prime mover(s)**

Make	Scania
Model	R620
VIN(s)	<b>YS2R6X40005501337</b> <b>YS2R6X40005501815</b>
Engine make/ model/ rating	Scania / DC16 17 Euro5 620hp / 3,000Nm - ADR80/03
Transmission make/ model	Scania / GRSO 925R
Differential make/ model/ FD ratio	Scania / AD1303P / FDR 3.52:1
Suspension make/ model (Steer)	Scania / Parabolic
Suspension make/ model (Drive)	Scania / 4 Bag Air RF2004
Tyres make/ size/ model (Steer)	295/80R22.5 Bridgestone R-Steer 001
Tyres make/ size/ model (Drive)	295/80R22.5 Bridgestone M840
Brakes (Load Proportioning, ABS, ECB, etc.)	ABS / EBS
Tow coupling make/ D rating	Jost JSK 37CZ – 50/D190 / 190kN
Wheelbase (mm)	3775
Vehicle height (Measured from the ground) (mm)	NA
Number of axles	3
ADR category	NC
GVM (kg)	26,500
GCM (kg)	92,000
Comments/ notes: 5 <sup>th</sup> wheel mounted 140mm forward of bogie centre	



PBS Vehicle Approval – V180307 – VA4990

Details of trailer(s) or dolly(s) – Lead Trailer

Type	Tandem Semi-Trailer
Make	Muscat Trailers
Model	Tipper
VIN(s)	<b>6B9TAHHMTJ2AU3344</b> <b>6B9TAHHMTJ2AU3346</b>
Suspension make/ model	Hendrickson / Intraax AAT250 RF2009
Tyres make/ size/ model	11R22.5 Hankook TH22
Drawbar length (mm)	NA
Coupling make/ D rating	King Pin Jost KZ1012 / 190kN Ringfeder 303aus – 320kN
Brakes (Load Proportioning, ABS, ECB, etc.)	ABS / EBS on 2 <sup>nd</sup> Axle
Wheelbase (mm)	6345
Vehicle height (Measured from the ground) (mm)	Front - 3100 Rear - 3000
Number of axles	2
ADR category	TD
ATM (kg)	30,000
Comments/ notes:	



PBS Vehicle Approval – V180307 – VA4990

Details of trailer(s) or dolly(s) – Rear Trailer

Type	Drawbar Trailer
Make	Muscat Trailers
Model	4 Axle Dog
VIN(s)	<b>6B9TAHHMTJ2AU3345</b> <b>6B9TAHHMTJ2AU3347</b>
Suspension make/ model	Hendrickson / Intraax AAT250 RF2009
Tyres make/ size/ model	11R22.5 Hankook TH22
Drawbar length (mm)	4985
Coupling make/ D rating	Tow Eye Ringfeder 50mm – 260kN Ballrace BPW DK90-16 / 60,000 kg
Brakes (Load Proportioning, ABS, ECB, etc.)	ABS / EBS on 2 <sup>nd</sup> & 4 <sup>th</sup> Axles
Wheelbase (mm)	6545
Vehicle height (Measured from the ground) (mm)	2945
Number of axles	4
ADR category	TD
ATM (kg)	34,000
Comments/ notes:	



PBS Vehicle Approval – V180307 – VA4990

Approved tyre options

**Steer –**  
**11R22.5 or 295/80R22.5**

- Michelin, Bridgestone, Firestone, Goodyear, Dunlop, Continental, Ohtsu/ Falken/ Sumitomo, Kumho, Hankook, Chao Yang, Goodride, Toyo, Semperit, Windpower, Windforce, Aeolus

**Drive –**  
**11R22.5 or 295/80R22.5**

- Michelin XZA, X Multi D, XDE2+, XDE M/S, Dunlop SP430/431, Hankook AH22+, AH33, Continental HD Hybrid, Remington R628, Kumho KMD01

Or

- 295/80R22.5 Bridgestone M840

**Trailer –**  
**11R22.5**

- Michelin XTA2 Energy, XTE2, Bridgestone R109, R168, Goodyear LHT, LHT II, Continental HS Hybrid, Hankook AH33, AH22+

Or

- 11R22.5 Hankook TH22

Retread or regroove tyres are permitted, provided they are certified by the manufacturer that its performance is equivalent to a new tyre.  
 Tyre load ratings must be appropriate for the axle mass.  
 Tyres listed herein are specific for PBS application number V180307.  
 A different list of tyres will apply for other combination types and different PBS application numbers.

Declaration

I, Laszlo Bruzsa Chief Engineer, delegate of the National Heavy Vehicle Regulator approve this PBS Vehicle Approval PBS-V180307 –VA4990.

Laszlo (Les) Bruzsa  
 Chief Engineer  
 National Heavy Vehicle Regulator  
 Dated: 19/06/18

Revision table

N	Brief description	Date
1	First issue.	19/06/18



## PBS Vehicle Approval – V180307 – VA4990

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### Important information

As per Heavy Vehicle National Law Section 153, 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 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.

### Road access

This is not an authorisation to access the road network. You must comply with the relevant Notice or obtain an access permit.

Please note that if you add vehicles to a PBS Vehicle Approval you will need to update the access permit to reflect the latest Vehicle Approval. If the new vehicles have different masses or dimensions to what is already approved, the NHVR will have to seek Road Manager consent again; which may extend the time required to issue the new permit.

For more information on the PBS Truck and Dog Notice visit [National class 2 PBS level 1 and 2A truck and dog trailer authorisation notice 2016](#).

To apply for an access permit, visit the [NHVR Portal](#). You must supply a route ID when applying for an access permit. Use Route Planner to obtain your route ID, you can do this as part of the permit application process in the [NHVR Portal](#).

For further assistance please visit our website at [www.nhvr.gov.au](http://www.nhvr.gov.au) or call 1300 MYNHVR (1300 696 487).

For queries relating to this document please contact the PBS Coordinator at [pbs@nhvr.gov.au](mailto:pbs@nhvr.gov.au).

### Transfer of Vehicle Approval

When applying for an access permit for a PBS vehicle, a PBS Vehicle Approval must be in the name of the company that operates the vehicle on the road.

If/ when a PBS combination is sold, the PBS Vehicle Approval has to be transferred across to the new owner.

To transfer a PBS Vehicle Approval to a new owner, use a [Vehicle Approval transfer application form](#).

**MULTIQUIP QUARRIES**

*Ardmore Park Quarry  
Appendix 2*

**RESPONSE TO SUBMISSIONS**

*PA 07\_0155 MOD3  
Report No. 625/25*

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