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Block Truck Overmass Period Permit **Operating Conditions**

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Refer to the Main Roads website for current version.

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Amendments

Revision Number	Revision Date	Description of Key Changes	Section
1	31/07/2026	Aligned steer axle mass limits with national limits.	

REFERENCES AND RELATED DOCUMENTS

The following documents relate to these Operating Conditions and are available on the Main Roads website:

Document Name	Location
Class 1 RAV 8 Tyre Per Axle Low Loader Overmass Period Permit Operating Conditions	https://www.mainroads.wa.gov.au/4912f8/globalassets/heavy-vehicles/permits-orders-schemes/osom/class-1-rav-8-tyre-per-axle-low-loader-overmass-period-permit-operating-conditions.pdf
Single Trip OSOM Vehicle Standard Operating Conditions	https://www.mainroads.wa.gov.au/4903c2/globalassets/heavy-vehicles/permits-orders-schemes/osom/single-trip-osom-vehicle-standard-operating-conditions.pdf

DEFINITIONS

The following are definitions for terms used in these Operating Conditions. Refer to the definitions in the *Road Traffic (Administration) Act 2008* and the *Road Traffic (Vehicles) Act 2012* and any subsidiary legislation to these Acts for the meanings of any terms not defined in this section. If a definition in the relevant Acts or the subsidiary legislation conflicts with a definition in this section, the definition in this section prevails for the purpose of these Operating Conditions.

Term	Definition
Block Truck	A rigid truck fitted with a weight on the rear to transmit the required mass through the drive axles.
Main Roads Website	www.mainroads.wa.gov.au – documents referenced within these operating conditions are published on the Oversize Over-mass Permits page.
OSOM Vehicle	An oversize and overmass vehicle.
Permit	A permit issued under Part 4 of the Road Traffic (Vehicles) Act 2012, which these Operating Conditions form part of.
RAV Mapping Tool	https://mrwebapps.mainroads.wa.gov.au/hvsnetworkmap
Single Trip Permit	A permit that is issued to an OSOM vehicle for a single movement on a specified route.

1 APPLICATION

1.1 Approved Vehicles

- 1.1.1** The *Block Truck Overmass Period Permit* applies to a vehicle described in the following table when conducting an Approved Operation specified under clause 1.2:

Vehicle Description
Tandem Drive Rigid Truck with a Weight on the Rear 
Tri Drive Rigid Truck with a Weight on the Rear 

- 1.1.2** The *Block Truck Overmass Period Permit* applies to a block truck with either a single steer axle or twin steer axle group.
- 1.1.3** All axles, other than the steer axle(s), must have four (4) tyres per axle.
- 1.1.4** The *Block Truck Overmass Period Permit* does not apply to a block truck carrying a load, other than equipment necessary for the vehicle to function as a block truck, and/or spare tyres for the vehicle it is towing.

1.2 Approved Operations

- 1.2.1** The *Block Truck Overmass Period Permit* applies to a block truck travelling unaccompanied for the purpose of picking up or dropping off an OSOM vehicle referred to in sub-clause 1.2.2 or 1.2.3, or travelling to or from a place of repair or maintenance.
- 1.2.2** The *Block Truck Overmass Period Permit* applies to a block truck when connected to an OSOM vehicle and operating in conjunction with a *Single Trip Permit*, provided it is operating in accordance with the *Single Trip OSOM Vehicle Standard Operating Conditions*.
- 1.2.3** The *Block Truck Overmass Period Permit* applies to a block truck when connected to an OSOM vehicle and operating in conjunction with a *Period Permit* that allows the use of block trucks, provided it is operating in accordance with the relevant *Period Permit Operating Conditions*.

2 COMPULSORY WA HEAVY VEHICLE ACCREDITATION

2.1 Requirement for Accreditation

The *Block Truck Overmass Period Permit* does not apply unless and until there is a person who is accredited in relation to the vehicle.

2.2 Effect on the Permit

If the person who is accredited in relation to the vehicle ceases to be accredited, the *Block Truck Overmass Period Permit* ceases to have effect on and from the day on which the person ceases to be accredited.

3 LICENSING REQUIREMENTS

3.1 Requirement for Appropriate Vehicle Licensing

The *Block Truck Overmass Period Permit* does not apply unless the block truck is licensed under the appropriate heavy vehicle licence class.

3.2 Complying with Licence Conditions

In addition to these Operating Conditions, the block truck must be driven in accordance with any conditions of the vehicle's licence, as imposed by the relevant licensing authority.

4 COMPULSORY HEAVY VEHICLE INCIDENT REPORTING

All on-road incidents involving the block truck must be reported to Main Roads Heavy Vehicle Services by the permit holder. The Heavy Vehicle Incident Reporting form is available on the Incident Reporting page on the Main Roads website and it must be submitted within 48 hours of the incident occurring.

5 MASS LIMITS

A block truck must not exceed the following mass limits:

Axle Group	Mass Limit
Single Steer Axle with tyres ≥ 295 mm	6.5 t
Single Steer Axle with tyre ≥ 315 mm	7.0 t
Single Steer Axle with tyres ≥ 375 mm	7.1 t
Twin Steer Axle Group with load sharing suspension and tyres ≥ 275 mm	11.5 t
Twin Steer Axle Group with load sharing suspension and tyres ≥ 375 mm	12 t
Tandem Drive Axle Group	18.5 t
Tri Drive Axle Group	24 t

6 ACCESS REQUIREMENTS

6.1 Permitted Roads

A block truck may be driven on any public road within the State of Western Australia, except:

- (a) A Prohibited Road specified in clause 6.3; or
- (b) Over a Restricted Bridge specified in clause 6.4.

6.2 Route Survey

Prior to departure, the operator or driver of the block truck must assess the route of travel to ensure that it is suitable for use and that it can be driven along without contravening these Operating Conditions.

6.3 Prohibited Roads

A block truck must not operate on any of the following roads:

- (a) Kwinana Freeway;
- (b) Graham Farmer Freeway; or
- (c) Mitchell Freeway.

6.4 Restricted Bridges

- 6.4.1** A tandem drive block truck must not be driven over a bridge that is specified as a restricted bridge in the “*Block Truck - Tandem Drive Overmass - Restricted Structures*”, available on the Block Truck page and the RAV Mapping Tool on the Main Roads website.
- 6.4.2** A tri drive block truck must not be driven over a bridge that is specified as a restricted bridge in the “*Block Truck - Tri Drive Overmass - Restricted Structures*”, available on the Block Truck page and the RAV Mapping Tool on the Main Roads website.

6.5 Crossing Bridges

If a block truck needs to cross a restricted bridge, an application for a Bridge Crossing Permit can be made by submitting a [Bridge Crossing Permit Application form](#), available on the Main Roads website.

6.6 Parking

- 6.6.1** A block truck must not be parked in an area where parking of the block truck, or OSOM vehicle to which it is attached, is prohibited.
- 6.6.2** Where parking of a block truck or OSOM vehicle is permitted, the block truck must be parked in accordance with any parking requirements or restrictions applicable to the area.

7 PERMIT STATUS

7.1 Permit Suspension & Revocation

- 7.1.1** Approval to operate a block truck may be suspended when road and/or traffic conditions are considered unsuitable. Main Roads personnel, WA Police or Traffic Escort Wardens, may make verbal notification of such suspension.

- 7.1.2** Approval to operate a block truck may be suspended or revoked if the operator or vehicle fails to comply with any of the requirements specified in the permit or these Operating Conditions.

7.2 Permit Amendments & Notifications

- 7.2.1** These Operating Conditions are subject to occasional amendments. If amendments are made that impact transport operators, they will be published as an “HVS Update” on the Main Roads website on the first working day of the month. Operators and drivers are required to ensure that they are operating vehicles on the public road network in accordance with the current Operating Conditions.
- 7.2.2** The RAV Networks and Restricted Bridge lists are subject to periodic amendments, which include additional roads or restricted bridges being included in the lists, roads or restricted bridges being removed from the lists, or amendments being made to a condition relating to a particular road or bridge in the lists. RAV Network and Restricted Bridge list updates will be effective from the Wednesday following the amendment and the RAV Networks and Restricted Bridge list are maintained in the RAV Mapping Tool and as lists on the Main Roads website. Operators and drivers are required to ensure they are operating vehicles on the public road network in accordance with the current RAV Networks and Restricted Bridge lists.
- 7.2.3** Heavy Vehicle Travel Impacts are published when road conditions may impede the movement of Restricted Access Vehicles. Operators and drivers are required to check the Heavy Vehicle Travel Impacts on the Main Roads website immediately prior to operating the vehicle on the public road network to ensure that there is no relevant information that will impede their vehicle operating on the WA road network.
- 7.2.4** All conditions stipulated in HVS Updates or Heavy Vehicle Travel Impacts must be adhered to.
- 7.2.5** Where a condition stipulates that contact must be made with a site supervisor or any other person prior to travel, this must be done via email or text message and evidence provided to Main Roads’ personnel upon request.