



mainroads
WESTERN AUSTRALIA

Heavy Lift Tow Truck – Over Mass Period Permit

Operating Conditions

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Amendments

Revision Number	Revision Date	Description of Key Changes	Section / Page No.
1	28 May 2019	Amended the minimum period for which camera footage must be retained.	9/7
2	August 2019	Added section 11 to refer to Operating Conditions amendments and Heavy Vehicle Network Notifications.	11/10
3	October 2019	Amended section to refer to Heavy Vehicle Travel Impact Tables and added section 11.2	11/10
4	7 August 2020	Updated naming conventions for restricted bridge list and added reference to RAV Mapping Tool.	7/10
5	8 September 2020	Updated Compulsory Heavy Vehicle Incident Reporting.	4/5
6	4 November 2021	Correction in the illustration to the mass permitted on the tandem drive axle group	5/6

DEFINITIONS

The following are definitions for terms used in these Operating Conditions. Refer to the definitions in the Road Traffic (Vehicles) Act 2012 and any subsidiary legislation to this Act for the meanings of any terms not defined in this section. If a definition in the Road Traffic (Vehicles) Act 2012 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
Approved Intelligent Transport System	A device approved by Transport Certification Australia (TCA) for the purposes of monitoring for compliance by Main Roads WA.
DoT	Department of Transport.
Heavy Lift Tow Truck	A motor vehicle equipped with a crane used or intended to be used for the lifting, salvaging, carrying or towing of heavy vehicles and includes any motor vehicle to which is attached (temporarily or otherwise) a device or trailer which is used or intended to be used for the lifting, salvaging and carrying of any heavy motor vehicle.
Intelligent Access Program (IAP)	An application which provides heavy vehicles with improved access, to the road network in return for monitoring of compliance using the Global Navigation Satellite System (GNSS).
Intelligent Access Program (IAP) Service Provider/ Transport Operator Agreement	A written agreement between an IAP-Service Provider, a Transport Operator and Transport Certification Australia (TCA) which sets out the terms on which the IAP-Service Provider will provide IAP Services to the Transport Operator.
Main Roads website	www.mainroads.wa.gov.au
Permit	Permit that is issued subject to these Operating Conditions, under the provisions of Part 4 of the Road Traffic (Vehicles) Act 2012, which these Operating Conditions form part of.
Self-Declaration Input Device (SDID)	A device used by the Transport Operator to enter self-declaration data into the in vehicle unit (IVU)
Vehicle Regulations	Means the Road Traffic (Vehicles) Regulations 2014.

1 APPLICATION

- 1.1 The “*Heavy Lift Tow Truck – Over Mass Period Permit*” applies to a vehicle of a kind described in Clause 5.
- 1.2 The “*Heavy Lift Tow Truck – Over Mass Period Permit*” does not apply to a tow truck towing an articulated vehicle.
- 1.3 The “*Heavy Lift Tow Truck – Over Mass Period Permit*” does not apply to a tilt tray tow truck.
- 1.4 The “*Heavy Lift Tow Truck – Over Mass Period Permit*” can be used in conjunction with a “*Class 1 RAV Oversize Period Permit*” or a *Specified Journey (Single Trip) Oversize Permit* which provide dimension modifications.
- 1.5 Where the tow truck is towing an over mass vehicle such as a *Special Purpose Vehicle*, the transport operator must obtain a *Main Roads Specified Journey (Single Trip) permit*.
- 1.6 Single steer axles fitted with tyres with a section width of at least 295mm must not exceed 6.5 tonne.
- 1.7 Single steer axles fitted with tyres with a section width of at least 375mm must not exceed 7 tonne.
- 1.8 The drive axle mass exemption only applies when the tow truck is laden. For the purpose of these operating conditions, “laden” is when the tow truck is underlift-towing a disabled vehicle.

2 COMPLYING WITH LICENSING CONDITIONS

Heavy Lift Tow Trucks must be approved by the Department of Transport (DoT).

Drivers and operators are reminded that in addition to the “*Heavy Lift Tow Truck – Over Mass Period Permit*”, the RAV must be driven in accordance with any conditions of the vehicle’s licence, as imposed by the relevant Licensing Authority.

3 COMPULSORY WA HEAVY VEHICLE ACCREDITATION

The operator or permit holder must be accredited under the WA Heavy Vehicle Accreditation Scheme (WAhVAS) for Maintenance Management, Fatigue Management and Loading and Dimension.

4 COMPULSORY HEAVY VEHICLE INCIDENT REPORTING

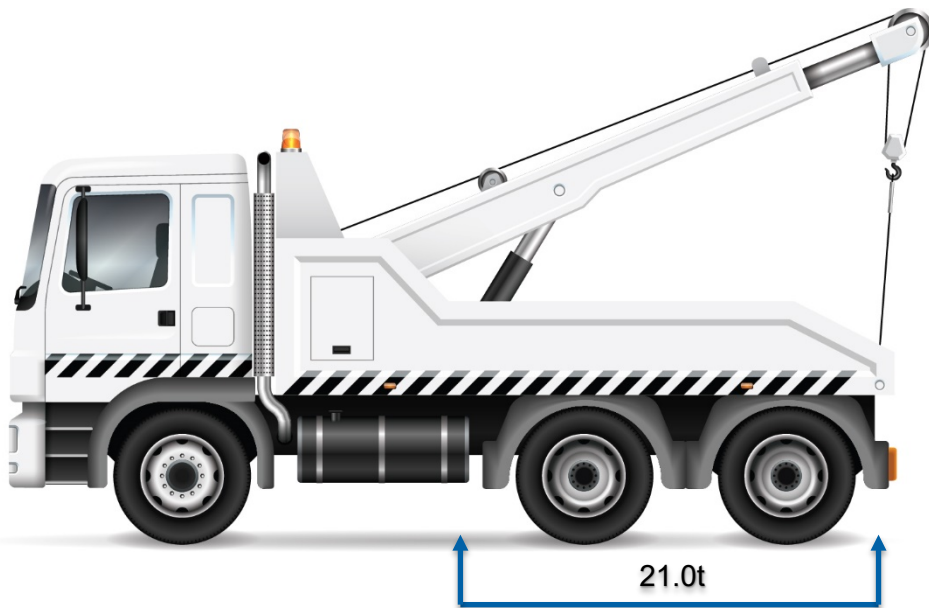
All on-road incidents involving a Heavy Lift Tow Truck must be reported to Main Roads Heavy Vehicle Services by the permit holder. The Heavy Vehicle Incident Reporting form is available on the Incident Reporting page on the Main Roads website and it must be submitted within 48 hours of the incident occurring.

5 APPROVED VEHICLES AND MASS LIMITS

The following vehicles are approved for use under the “*Heavy Lift Tow Truck – Over Mass Period Permit*” up to the maximum mass limits specified:

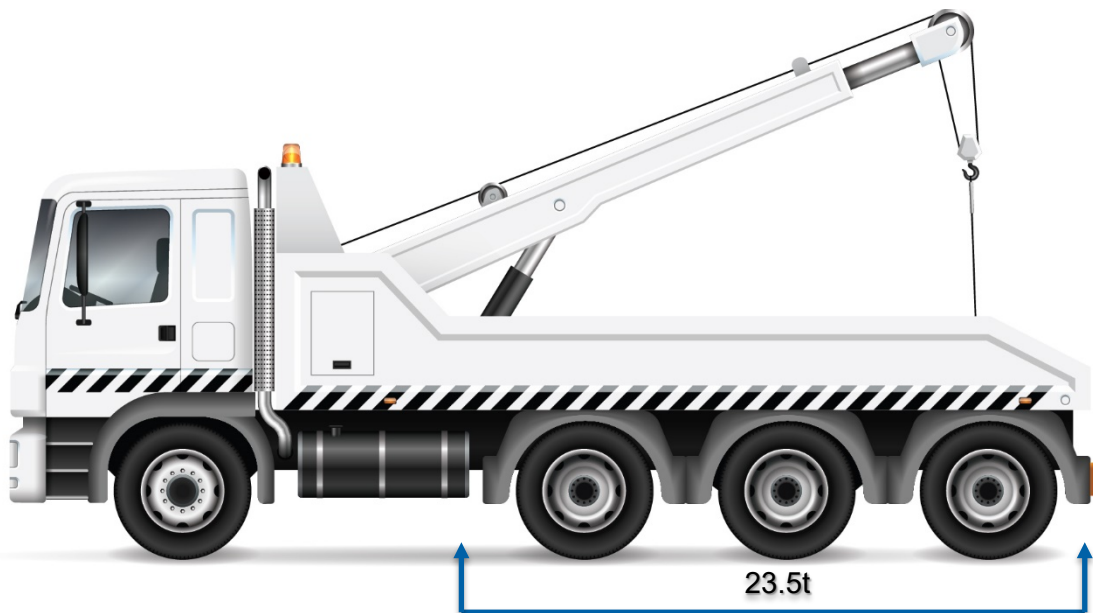
5.1 Heavy Lift Tow Truck – 21 Tonnes Tandem Drive

The vehicle as depicted below, is approved to operate with up to 21 tonnes on the tandem drive axle group:



5.2 Heavy Lift Tow Truck – 23.5 Tonnes Tri Drive

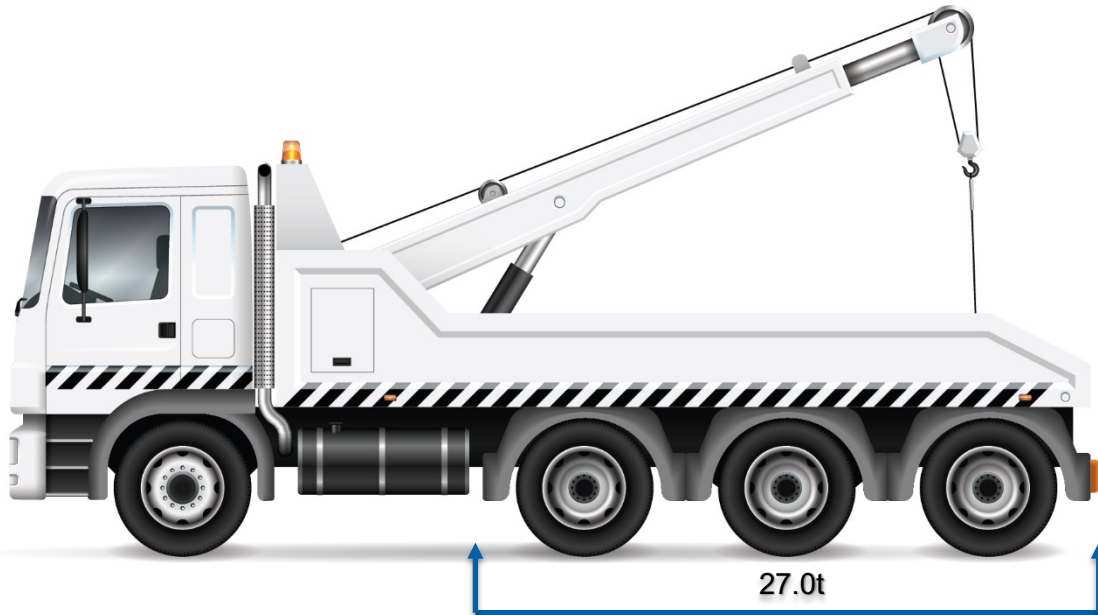
The vehicle as depicted below, is approved to operate with up to 23.5 tonnes on the tri drive axle group:



5.3 Heavy Lift Tow Truck – 27 Tonnes Tri Drive

The vehicle as depicted below, is approved to operate with up to 27 tonnes on the tri drive axle group, provided:

- a) The rear three (3) axles are equal load sharing; and
- b) The vehicle is fitted with a rear facing camera complying with the requirements in Clause 9; and
- c) The vehicle is monitored under the Intelligent Access Program (IAP) in accordance with Clause 10.



6 ROUTE ASSESSMENT

Prior to towing a vehicle, the operator of the Heavy Lift Tow 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.

7 RESTRICTED BRIDGES

A Heavy Lift Tow Truck may travel on any road within Western Australia, provided it is not driven on any bridge specified in the “*Heavy Lift Tow Truck Restricted Structures Lists*”, relevant to the vehicle. “*The Heavy Lift Tow Truck Restricted Structures Lists*” are available on the Heavy Lift Tow Trucks page and RAV Mapping Tool on the Main Roads website.

Note 2: Crossing a restricted bridge under a period permit is not permitted. However, in some circumstances, the vehicle may be permitted to cross a restricted bridge under assessment for a Specified Journey (Single Trip). Operators should contact Main Roads by way of an application for assessment to check suitability of a vehicle, or seek an alternative route.

Note 3: It is an offence under the Road Traffic Code 2000 for a vehicle to cross a bridge if it has a mass limit in excess of the posted mass limit for the bridge.

8 CROSSING NON-RESTRICTED BRIDGES

Where a Heavy Lift Tow Truck is driven over a bridge that is not a restricted bridge mentioned in clause 7, the driver must drive the vehicle in the most centre part of the traffic lane, or where there are multiple lanes, within the centre of those lanes in the direction of travel.

9 CAMERA REQUIREMENTS

- 9.1 A vehicle specified in sub-clause 5.3 must be fitted with a rear facing camera
- 9.2 The rear facing camera must be mounted on the vehicle so that the camera records a clear field of vision of any load the vehicle is towing.
- 9.3 The camera must record while simultaneously overlaying the date and time on the image:
- 9.4 The camera must be recording whenever the vehicle is crossing a restricted bridge.
- 9.5 The image recorded from the rear facing camera must be of such reasonable quality to enable a clear view of any load being towed.
- 9.6 The camera must be maintained in good working order.
- 9.7 All recorded footage must be retained by the primary operator for a minimum period of one (1) month.
- 9.8 The transport operator is required to submit recorded footage of the Heavy Lift Tow Truck, when requested by Main Roads.

10 INTELLIGENT ACCESS PROGRAM REQUIREMENTS

- 10.1 When operating a vehicle specified in sub-clause 5.3, the vehicle must be monitored by an Intelligent Access Program (IAP) Service Provider who is certified by Transport Certification Australia (TCA) and has an executed IAP Service Provider / Transport Operator Agreement.
- 10.2 A “*Heavy Lift Tow Truck – Overmass Period Permit*” to which these operating conditions apply may be revoked if a driver / operator tampers with the approved intelligent transport system, or if the driver / operator fails to report a malfunction.
- 10.3 An approved intelligent transport system malfunctions if:
 - It ceases to work at all, or works only intermittently; or
 - It does not perform 1 or more functions required under the IAP, or performs any such function only intermittently; or
 - It performs such a function in such a way that the results of its doing so are inaccurate or unreliable (including intermittently inaccurate or unreliable).
- 10.4 A person tampers with an approved intelligent transport system if:
 - a) He or she engages in conduct that has the result that:
 - The system is altered; or

- The system is installed or used in a way that is not in accordance with the conditions of its certification by TCA; or
- Any data instruction that the system uses internally is altered; and

b) he or she does so with the intention of causing the system to:

- Fail to collect IAP information, or fail to collect such information correctly; or
- Fail to store IAP information, or fail to store such information correctly; or
- Fail to report IAP information, or fail to report such information correctly.

10.5 A person also tampers with an approved intelligent transport system if he or she:

a) engages in conduct; and

b) is negligent or reckless as to whether, as a result of the conduct, the system may:

- Fail to collect IAP information, or fail to collect such information correctly; or
- Fail to store IAP information, or fail to store such information correctly; or
- Fail to report IAP information, or fail to report such information correctly.

10.6 For subsections 10.4 and 10.5:

- a) A system fails if it does not perform as intended in terms of accuracy, timeliness, reliability, verifiability or any other performance parameter; and
- b) Fail includes fail permanently, fail temporarily, fail on a particular occasion or occasions, and fail in particular circumstances.

10.7 The transport operator is required to inform the driver that the vehicle is being monitored under the Intelligent Access Program (IAP).

10.8 At the beginning of each journey, the driver must enter the following details into the Self Declaration Input Device (SDID) – the in-vehicle screen.

- Vehicle Category: e.g. Road Train Double
- No. of axles: As the vehicle is configured (i.e. as per combination allowed under the permit)
- Load status: Select or enter LOAD
- Total Combination Mass: The laden Total Combined Mass value of the vehicle when operating under the permit

10.9 At the beginning of each journey, the driver must enter the comment “On permit” followed by the permit number into the SDID.

10.10 At the end of each journey, the driver must enter the comment “Off permit” followed by the permit number into the SDID. The permit does apply to return travel in the current case so the end of the journey shall be once the return travel is complete.

10.11 Alternatively, where the SDID is not functioning, the “on/off” comments must be entered into the web portal, within 72 hours of completing the journey.

Further information on the IAP can be found under the Heavy Vehicles section on the Main Roads website

11 AMENDMENTS TO OPERATING CONDITIONS, RESTRICTED BRIDGE LISTS AND HEAVY VEHICLE TRAVEL IMPACT TABLES

- 11.1** 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 and up to date Operating Conditions.
- 11.2** The lists of *Restricted Bridges* are subject to periodic amendments, which include additional bridges being included in the list of *Restricted Bridges* or bridges being removed from the list of *Restricted Bridges*. The lists of *Restricted Bridges* are updated on Wednesday of every week and are maintained on the Heavy Lift Tow Truck page of 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 and up to date list of Restricted Bridges.
- 11.3** Heavy Vehicle Travel Impact Tables are published when road conditions may impede the movement of Restricted Access Vehicles. Operators and drivers are required to check the Heavy Vehicle Travel Impact Tables on the Main Roads website 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.
- 11.4** All conditions stipulated in HVS Updates or Heavy Vehicle Travel Impact Tables must be adhered to.