

**ROAD TRAFFIC ACT 1961**

Concessional Mass Limits for Vehicles Accredited in the Mass Management module of the National Heavy Vehicle Accreditation Scheme (NHVAS)

Approval and Exemption

UNDER the provisions of Section 161A of the *Road Traffic Act 1961* and Regulation 35 of the *Road Traffic (Miscellaneous) Regulations 1999*, I hereby approve heavy vehicle configurations that exceed a total mass of 42.5 tonnes, to operate as specified in this Notice; and

UNDER the provisions of Section 163AA of the *Road Traffic Act 1961* I hereby exempt heavy vehicles from the following provisions of the *Road Traffic (Mass and Loading Requirements) Regulations 1999*:

- Schedule 1, Part 1 – Mass Limits, Table 1- Mass Limits for Single Axles and Axle Groups, in so far as it relates to axle or axle mass limits for axle or axle group configurations specified in table 2 of this Notice.
- Schedule 1, Part 1 – Mass Limits, Clause 3 (1) (2) and (3) Mass Limits relating to axle spacing.
- Schedule 1, Part 1, Clause 4 (1) Mass limits for combinations.

Conditions

This approval and exemption is subject to the following conditions:

## 1. Conditions

- 1.1. This Notice or a legible copy shall be carried by the driver of the vehicle at all times while operating under this approval and exemption and be produced when requested by an Inspector appointed under the *Road Traffic Act 1961* and/or *Motor Vehicles Act 1959*, or a Police Officer.
- 1.2. Except as otherwise specified in this Notice, the standard form conditions prescribed in the *Road Traffic (Oversize or Overmass Vehicle Exemptions) Regulations 1999* for the purposes of section 115 of the Act, shall not apply.
- 1.3. In addition to the conditions specified in this Notice, B-Doubles, Car Carrier Combinations and Road Trains must comply with all the conditions of the respective *South Australian Government Gazette* Notices under which they operate, with the exception of the axle group mass limits and gross mass limits covered by this Notice.

## 2. Approved Vehicles

- 2.1. Only the vehicles and/or combinations nominated in Table 1 are approved to operate at Concessional Mass Limits under this Notice.

Table 1  
Vehicle Configuration table

a	Rigid Truck fitted with a tandem drive axle group and operating without a trailer.
b	Rigid Truck and Dog Trailer where the combination includes at least one tandem axle group and the gross vehicle mass at General Mass Limits does not exceed 42.5 tonnes.
c	Car Carrier Combination where the rigid truck is fitted with a tandem drive axle group towing a trailer that is fitted with a tandem or triaxle group.
d	Articulated vehicle where the combination of prime mover and semi-trailer includes at least one tandem or triaxle group.
e	B-Double where the combination of prime mover and semi-trailers includes at least one tandem or triaxle group.
f	B-Triple where the combination of prime mover and semi-trailers includes at least one tandem or triaxle group.
g	Double and Triple Road Train (operating under the current Gazette Notice <i>Operation of Road Train Vehicles in South Australia</i> ) where the combination of prime mover and semi-trailers includes at least one tandem or triaxle group.

*Explanatory Note*

Any vehicle configuration not included in Table 1 is not eligible for Concessional Mass Limits. Configurations not eligible include any pig trailer combination, a low loader dolly and low loader, a jinker, a rigid truck and dog trailer combination with gross vehicle mass exceeding 42.5 tonnes at General Mass Limits, a bus, a Special Purpose Vehicle, an agricultural machine and an agricultural implement. A Road Train configuration that is not eligible for operation under the Gazette Notice *Operation of Road Train Vehicles in South Australia*, such as a medium articulated vehicle with dog trailer (MAD), or an A-B combination vehicle, is also not eligible for Concessional Mass Limits.

## 3. Definitions

3.1. For the purpose of this Notice the following definitions shall apply:

- 3.1.1. 'Mass Management Accreditation Scheme' means a scheme that is recognised by Department for Transport, Energy and Infrastructure as meeting the requirement of the mass management module (including audit requirements) of the National Heavy Vehicle Accreditation Scheme (NHVAS).
- 3.1.2. 'National Heavy Vehicle Accreditation Scheme' means the comprehensive accreditation package developed by the National Road Transport Commission and approved by the Australian Transport Council on 14 November 1997.
- 3.1.3. 'Valid National Heavy Vehicle Accreditation Scheme (Mass Module) label' or a 'valid Mass Management Accreditation (Pilot) Program (Victorian) label' means a label:
- 3.1.3.1. issued to a scheme member (whose accreditation status has not been suspended or cancelled); and
- 3.1.3.2. that is legible and displayed on the nominated vehicle (owned or captured by the operator),  
for which the label was originally issued by the accrediting authority.
- 3.1.4. 'Route Compliance Certificate' means the Department for Transport, Energy and Infrastructure 'Concessional Mass Limit Route Compliance Certificate' as included in this Notice, available on the Department for Transport, Energy and Infrastructure website ([www.transport.sa.gov.au/freight/road/accreditation/mass.asp](http://www.transport.sa.gov.au/freight/road/accreditation/mass.asp)).

## 4. Axle Mass Limits and Axle Spacing

4.1. A vehicle or combination to which this Notice applies must not exceed the axle group mass limits set out in Table 2.

Axle Group Configuration	General Mass Limit (tonnes)* for reference only	Concessional Mass Limit under this Notice (tonnes)
Tandem axle groups fitted with 8 tyres	16.5	17.0
Triaxle group fitted with 12 tyres	20.0	21.0

\*taken from the *Road Traffic (Mass and Loading Requirements) Regulations 1999*

*Explanatory Note*

Any axle or axle group not included in Table 2 is not eligible for Concessional Mass Limits. Only tandem axle and tri-axle groups fitted with dual tyres are eligible.

- 4.2. Vehicles must comply with axle spacing appropriate to statutory mass limits contained in Schedule 1, Part 1, clause 3 of the *Road Traffic (Mass and Loading Requirements) Regulations 1999*.
- 4.3. Where the gross vehicle mass limit under General Mass Limits does not exceed 55 tonnes, the sum of mass increases must not exceed 1.0 tonnes.
- 4.4. Where the gross vehicle mass limit under General Mass Limits exceeds 55 tonnes, the sum of mass increases must not exceed 2.0 tonnes.

## 5. Mass Management Accreditation

- 5.1. All vehicles or vehicle configurations must be accredited under one of the following Mass Management Accreditation Schemes where any axle group is specified and loaded in accordance with Table 2.
- 5.1.1. Mass Management Module of NHVAS.
- 5.1.2. The Mass Management Accreditation (Pilot) Program (Victorian).
- 5.2. The Prime Mover or Rigid Truck must display a valid NHVAS (Mass Module) label or a valid Mass Management Accreditation (Pilot) Program (Victorian) label.
- 5.3. Drivers of vehicles accredited in South Australia and operating under this approval and exemption must carry documented evidence (which may be the Route Compliance Certificate) of route planning, confirming that the intended route does not traverse the bridge structures listed in 6.3, in accordance with Standard 4 of the Mass Management Module of NHVAS and shall produce the signed documented evidence if requested by an Inspector appointed under the *Road Traffic Act 1961* and/or *Motor Vehicles Act 1959*, or a Police Officer.



- 5.4. Vehicles accredited in states and territories other than South Australia under the schemes specified in 5.1 may operate in South Australia under the terms and conditions detailed in this Notice provided the driver;
  - 5.4.1. has determined that the intended route does not traverse the bridge structures listed in 6.3; and
  - 5.4.2. records the route and weight/mass details on the Route Compliance Certificate and has signed the Certificate; and
  - 5.4.3. carries the Route Compliance Certificate in the vehicle when operating at Concessional Mass Limits; and
  - 5.4.4. produces the Certificate if requested by an Inspector appointed under the *Road Traffic Act 1961* and/or *Motor Vehicles Act 1959*, or a Police Officer; and
  - 5.4.5. the scheme member retains the original copy of the Route Compliance Certificate for a period of not less than 12 months from the date it is signed for auditing purposes.
6. Routes
  - 6.1. Vehicle configurations specified under 'a', 'b' and 'd' in Table 1 and operating in accordance with axle mass limits in Table 2, may operate anywhere on the road network except for the bridge structures listed in 6.3.
  - 6.2. In addition to the conditions specified in this Notice, B-Doubles, Car Carrier Combinations and Road Trains may operate at Concessional Mass Limits only on routes specified in the respective *South Australian Government Gazette* Notices and/or notices issued under the Commonwealth of Australia *Interstate Road Transport Act 1985*, under which they operate, provided they do not traverse the bridge structures listed in 6.3.
  - 6.3. No vehicle or vehicle configuration operating at Concessional Mass Limits may travel on any of the following bridge structures:
    - 6.3.1. **Gumeracha Bridge** – North East Road over River Torrens at Gumeracha.
    - 6.3.2. **Murray Bridge** – Murray Bridge to Monteith Road over the River Murray at Murray Bridge (Old Bridge).
    - 6.3.3. **Birkenhead Bridge** – Over Port River at Port Adelaide (the lifting bridge).
    - 6.3.4. **Onkaparinga River Bridge** - Saltfleet Street, Port Noarlunga.
    - 6.3.5. **Jervois Bridge** – Hart Street/St Vincent Street over Port River.
    - 6.3.6. **Rail Overway Bridge** – Main Road, Belair/Blackwood.
    - 6.3.7. **Church Hill Road Overpass** – over South Road, Noarlunga.
  - 6.4. Notwithstanding clauses 6.1 and 6.2, drivers are also required to comply with locally imposed traffic restrictions, such as load limits on bridges imposed by Council installation of Load Limit signs.
7. Vehicle Specifications
  - 7.1. Vehicles operating under this Notice shall not be driven or loaded in excess of:
    - 7.1.1. the manufacturer's rating for axle, suspension, tyre and coupling capacities; or
    - 7.1.2. the manufacturer's gross vehicle mass and gross combination mass ratings; or
    - 7.1.3. the Gross Vehicle Mass and/or Gross Combination Mass as shown on the certificate of registration for that vehicle.
  - 7.2. B-Double Coupling Requirements:
    - 7.2.1. The 'D' rating for fifth wheel couplings and king pins shall be equal to or greater than 112 kN.
  - 7.3. Road Train Coupling Requirements:
    - 7.3.1. For Double Road Train vehicle units manufactured prior to 1 July 1991, the minimum 'D' rating for the fifth wheel couplings and king pins shall be equal to or greater than 135 kN and the minimum 'D' rating for tow couplings and drawbar eyes shall be equal to or greater than 15 tonnes.
    - 7.3.2. For Double Road Train vehicle units manufactured on or after 1 July 1991 and Triple Road Trains, the minimum 'D' rating for the fifth wheel couplings and king pins shall be equal to or greater than 173 kN and the minimum 'D' rating for tow couplings and drawbar eyes shall be equal to or greater than 19 tonnes.



Government of South Australia

Department for Transport,  
Energy and Infrastructure

www.dtel.sa.gov.au  
ABN: 92 366 288 135

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### CONCESSIONAL MASS LIMITS ROUTE COMPLIANCE CERTIFICATE

This certificate is to be completed and carried by the driver of a vehicle or vehicle configuration if the vehicle is accredited outside South Australia under the Mass Management Module of the National Heavy Vehicle Accreditation Scheme (NHVAS) or the Victorian Mass Management Accreditation (Pilot) Program and is being driven in South Australia at Concessional Mass Limits.

The route to be travelled must not traverse the bridge structures listed in clause 6.3 of the South Australian Gazette Notice titled "Concessional Mass Limits for Vehicles Accredited in the Mass Management module of the National Heavy Vehicle Accreditation Scheme (NHVAS)" ("the Gazette Notice"), as amended from time to time.

Drivers must comply with the conditions of operation of the Gazette Notice and also carry a copy of the Gazette Notice in the vehicle when operating in South Australia. This Certificate must be produced to a Department for Transport, Energy and Infrastructure Inspector or Police Officer upon request.

Company Name: \_\_\_\_\_

Prime Mover/Rigid Truck Registration Number: \_\_\_\_\_

Loaded Axle Weights (kg):

Front Axle (Steer)	Rear Axle/s (Drive)	1 <sup>st</sup> Trailer Axles	2 <sup>nd</sup> Trailer Axles	Dolly Axle (If Applicable)	Total Vehicle Mass

Route From: \_\_\_\_\_

To: \_\_\_\_\_

Nominated Route:

Via: (Highway/Road Name)

I declare that the nominated route to be travelled will be adhered to and does not traverse any bridge structure listed in clause 6.3 of the Gazette Notice.

Driver's Signature \_\_\_\_\_ Date \_\_\_\_\_

Driver's Name: \_\_\_\_\_

*At the completion of the journey this Route Compliance Certificate is to be given to operational staff of the company or the vehicle owner and held for a period of 12 months for auditing purposes.*

Copies of this Certificate can be obtained from the Department for Transport, Energy and Infrastructure website  
([www.transport.sa.gov.au/freight/road/accreditation/mass.asp](http://www.transport.sa.gov.au/freight/road/accreditation/mass.asp))

Commencement of this Notice

This Notice takes effect on 1 July 2006.

This approval and exemption may be varied or revoked at any time by notice in writing.

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Executive Director, Safety and Regulation Division, Department for Transport, Energy and Infrastructure

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