



HEAVY VEHICLE NATIONAL LAW

National Class 1 Special Purpose Vehicle (up to 40t total mass) Mass and Dimension Exemption Notice 2021 (No.1)

1. Purpose

The purpose of this Notice is to exempt Class 1 Special Purpose Vehicles (SPVs) that have a total vehicle mass not exceeding 40t from certain mass and dimension requirements under the *Heavy Vehicle (Mass, Dimension and Loading) National Regulation* (MDL Regulation) and provide those vehicles with access to prescribed networks under prescribed conditions. This Notice only applies to vehicles up to 40t total maximum mass and does not apply to SPV combinations.

Note: This Notice must be read in conjunction with the National Class 1 Special Purpose Vehicle (up to 40t) Operator's Guide which provides important information concerning networks and network conditions.

2. Authorising Provision

- 1) This Notice is made under the following provision of the Heavy Vehicle National Law (HVNL):
 - a) section 117 - Regulator's power to exempt category of class 1 or 3 heavy vehicles from compliance with mass or dimension requirements.

3. Title

This Notice may be cited as the *National Class 1 Special Purpose Vehicle (up to 40t total mass) Mass and Dimension Exemption Notice 2021 (No.1)*.

4. Commencement

This Notice commences on 16 August 2021.

5. Expiry

This Notice expires on 15 August 2026.

6. Definitions

- 1) Unless otherwise stated, words and expressions used in this Notice have the same meanings as those defined in the HVNL.
- 2) In this Notice:

Articulated steering crane means a crane which is steered by use of an articulated point located between the front axle and rear axle or axle group and has a boom projecting to the front of the vehicle that functions as a crane.

Forward projection means the distance from the centre of the steering wheel to the furthest projection of the vehicle to the front, including any load.

Ground contact width means:

- a) in relation to an axle, the distance between the outermost point of ground contact of the outside tyres on each end of the axle; or
- b) in relation to an axle group, the greatest ground contact width of all the axles in the group.

Hydro-pneumatic means a suspension system design that uses hydraulic cylinders and a hydraulic circuit connected to an air charged accumulator to provide wheel travel, spring and damping while supporting the mass of the vehicle over single or multiple axle groups.

Operators Guide means *The National Class 1 Special Purpose Vehicle (up to 40t) Operator's Guide*.

Prescribed SPV means an SPV on which:

- a) at least half of the axles steer; and
- b) there are no more than two tyres per axle.

Rear overhang line means, for:

- a) an eligible vehicle fitted with an axle group as defined in the HVNL, the rear overhang line is as defined in section 1 of Schedule 6 of the *Heavy Vehicle (Mass, Dimension and Loading) National Regulation*; or
- b) a prescribed SPV which does not meet (a), the rear overhang line is measured from the centre of the last two axles to the rear of the vehicle.

7. Application

- 1) This Notice applies to a special purpose vehicle as defined by section 116(4) of the HVNL that does not exceed 40t in mass.
- 2) This Notice does not apply to an SPV vehicle that is:
 - a) a combination of two or more units; or
 - b) a trailer.
- 3) This Notice applies in all participating jurisdictions except Tasmania.
- 4) A vehicle to which this Notice applies is an eligible vehicle.

8. Exemption – Prescribed Mass Requirements

- 1) An eligible vehicle to which this Notice applies is exempt from the following mass requirements of Schedule 1 of the MDL Regulation:
 - a) Section 2(1)(b);
 - b) Section 4 and Table 1 (Axle Mass Limits Table), and;
 - c) Section 5(1) and Table 2 (Axle Spacing's Mass Limits General Table).
- 2) The exemptions in this section only apply to the extent of the conditional mass limits set out in sections 9, 10, 11 and 12, and when all other conditions in the Notice are met.

9. Conditions – Total mass of vehicle

- 1) The total mass of an eligible vehicle must not exceed the lesser of the following limits:
 - a) a total mass of 40t; or
 - b) a total calculated mass found using the Total Calculated Mass Formula below; or
 - c) the sum of the axle masses that apply to the eligible vehicle under Tables 1 & 2.

Total Calculated Mass Formula

$$\text{Total Calculated Mass} = (3 \times L) + 15 \pm G$$

where:

Total Mass = the total mass of the vehicle

L = the distance in metres between the centre lines of the vehicle's foremost and rearmost axles; and

±G = the mass to be:

- i. added at the rate of 1t for each 100mm by which the ground contact width of the heaviest axle or axle group exceeds 2.5m; or
- ii. subtracted at the rate of 1t for each 100mm by which the ground contact width of the heaviest axle or axle group is less than 2.4m.

- 2) A 3-axle prescribed SPV is exempted from compliance with the condition set out in section 9(1)(b).

10. Conditions – Mass Limits for Single Axle and Axle Groups

- 1) An eligible vehicle with an axle group described in Column 1 and Column 2 of Table 1 must not exceed the mass limit as set out in Column 3, with a minimum ground contact width set out in Column 2.

Table 1: Axle mass limits

Column 1	Column 2	Column 3
Type of axle or axle group	Minimum Ground Contact Width (m)	Maximum Mass limit (t)
Single axle fitted with single tyres on:		
a) prescribed SPV with hydro-pneumatic suspension;	Any	12.0
b) prescribed SPV without hydro-pneumatic suspension;	Any	10.0
c) any other SPV	Any	7.0
Single axle fitted with dual tyres on:		
a) articulated steering crane	Any	12.0
b) any other SPV	Any	10.0
Twinsteer axle group:		
a) without load-sharing suspension system	Any	10.0
b) with load-sharing suspension	Any	16.0
Tandem axle group fitted with single tyres	Any	14.0
Tandem axle group fitted with dual tyres where the centre lines of the axles are at least 1.20m but less than 1.35m apart.	2.00	16.0
	2.10	17.0
	2.20	18.0
	2.30	19.0
	2.40	20.0
	2.50	20.0
	2.60	21.0
	2.70	22.0
	2.80	23.0
	2.90	24.0
	3.00	25.0
Tandem axle group fitted with dual tyres where the centre lines of the axles are at least 1.35m apart.	3.10	26.0
	3.20	27.0
	2.00	19.0
	2.10	20.0
	2.20	21.0
	2.30	22.0
	2.40	23.0
	2.50	23.0
	2.60	24.0
	2.70	25.0
	2.80	26.0
	2.90	27.0
Tri-axle group fitted with single tyres	Any	18.0

Table 1: Axle mass limits (cont.)

Column 1	Column 2	Column 3
Type of axle or axle group	Minimum Ground Contact Width (m)	Maximum Mass limit (t)
Tri-axle group fitted with dual tyres where the centre lines of the axles are at least 1.20m but less than 1.35 m apart.	2.00	21.0
	2.10	22.0
	2.20	23.0
	2.30	24.0
	2.40	25.0
	2.50	25.0
Tri-axle group fitted with dual tyres where the centre lines of the axles are at least 1.35 m apart.	2.00	23.0
	2.10	24.0
	2.20	25.0
	2.30	26.0
	2.40	27.0
	2.50	27.0

11. Conditions – Mass Limits for axles (Limited by tyre size)

- 1) A single axle with tyre widths described in Column 1 of Table 2, must not exceed the mass as stated in Column 2 or Column 3 of Table 2, based on the number of tyres on the axle.

Table 2: Mass limit for single axles limited by tyre width

Column 1		Column 2	Column 3
Tyre width of the narrowest tyre on the axle		Mass limit (t) for an axle with 2 tyres	Mass limit (t), for an axle with 4 tyres
at least (mm)	but less than (mm)		
190	228	4.5	9.0
228	254	5.0	9.5
254	279	6.0	10.0
279	305	6.5	11.0
305	330	7.0	12.0
330	356	7.5	13.0
356	381	8.0	14.0
381	406	9.0	14.0
406	458	10.0	14.0
458	508	11.0	14.0
508	-	12.0	14.0

- 2) As a specific exemption from section 11(1), the mass limit on an axle fitted with 2 tyres that are at least 445mm wide on a prescribed SPV, is increased to 12t unless excluded in a Schedule.

12. Exemption- Dimension Requirements (Length and height)

- 1) An eligible vehicle operating under this Notice is exempt from the following dimension requirements of Schedule 6 of the MDL Regulation:
 - a) section 3(1) – Length
 - b) section 5(1) – Rear overhang
 - c) section 7 (1) – Width
 - d) section 8(1)(d) – Height
- 2) The exemptions in this section only apply to the extent of the conditional dimensions set out in sections 13 and 14, and when all other conditions in the Notice are met.

13. Conditions – Dimensions (Height, width, and length)

- 1) An eligible vehicle must not exceed the following dimensions:
 - a) Height – 4.6m
 - b) Width – 3.5m
 - c) Length – 14.5m

14. Conditions – Dimensions (Rear overhang)

- 1) The rear overhang of an eligible vehicle must not exceed the lesser of:
 - a) 4.0m; or
 - b) 90% of the wheelbase.
- 2) An eligible vehicle that cannot meet the requirements of (1) but meets Performance Based Standards (PBS) Level 1 tail swing and low speed swept path performance requirements may have a rear overhang of up to 4.5m.
- 3) An eligible vehicle that complies with the requirements of (2) must carry a *Certificate of Conformance with PBS Level 1 Tail Swing and Swept Path Performance* establishing that the vehicle meets Performance Based Standards (PBS) Level 1 tail swing and low speed swept path performance, pursuant to the *National Heavy Vehicle Standards Special Purpose Vehicle Exemption Notice*.

Note: The Certificate of Conformance with PBS Level 1 Tail Swing and Swept Path Performance is a requirement of the National Heavy Vehicle Standards Special Purpose Vehicle Exemption Notice.

- 4) For an eligible vehicle that is a 3-axle prescribed SPV the requirement in (1)(b) does not apply if:
 - a) the rear overhang in excess of 90% is caused entirely by the addition of equipment used for the special purpose of the vehicle; and

- b) the vehicle, including the overhang caused by the equipment, complies with the requirements of section 11 of the National Heavy Vehicle Standards Special Purpose Vehicle Notice.

Note: Additional equipment includes items needed for the vehicle to perform its special purpose, but that may be detachable or interchangeable depending requirements. For example, this may include winches, pump attachments or safety equipment.

- 5) In this section, Performance Based Standards means the standards set out in the *PBS Scheme Standards and Vehicle Assessment Rules* published by the NHVR pursuant to s653 of the HVNL.

Note: PBS Level 1 tail swing low speed swept path performance is set out in the PBS Scheme Standards and Vehicle Assessment Rules (The PBS Rules). The PBS Rules are published by the National Transport Commission (NTC) and are available on the Regulator's website.

15. Conditions – Areas and Routes (Networks)

- 1) Pursuant to section 119(1)(a) of the HVNL, an eligible vehicle may operate on the networks specified in the Schedule for each participating jurisdiction.

Note: Networks and conditions relating to them, including links to network maps, are published in the Operator's Guide.

16. Conditions – Forward projection

- 1) The forward projection of an eligible vehicle must not exceed the following:
- a) eligible vehicles that are not articulated steering cranes or prescribed SPVs – 3.5m;
or
 - b) eligible vehicles that are articulated steering cranes – 5.5m; or
 - c) eligible vehicles that are prescribed SPVs – 4.0m.

17. Condition – Speed restrictions for articulated steering crane

- 1) An articulated steering crane must comply with the following conditions:
- a) the maximum speed of the vehicle must not exceed 80km/h.
 - b) an 80km/h maximum speed sign must be fitted to the rear of the vehicle.
 - c) a warning decal in the cabin visible from the driver's position must display a maximum speed limit of 80km/h.

18. Disapplication – Schedule 8 of the MDL Regulation

- 1) Pursuant to section 39(5) of the MDL Regulation, the following conditions in Schedule 8 are dis-applied for eligible vehicles.
 - a) Section 2(1) and (2) – Warning signs and flags
 - b) Section 7(b) - Travel in an urban area (at night) without being accompanied by a pilot vehicle.
- 2) The disapplication in (1)(a) only applies to articulated steering cranes that are less than 3.1m wide.

Note: This section has the effect of providing articulated steering crane the same requirements for warning signs and flags as rigid mobile cranes.

In some jurisdictions, specific pilot and escort requirements for some eligible vehicles are re-applied as a condition of travel under this Notice.

19. Condition – Carriage of extra equipment

- 1) An eligible vehicle may carry up to 1.0t of equipment related to the special purpose of the vehicle.
- 2) The 1.0t allowed under (1) is not extra mass in addition to other conditions in this Notice.

Note: This section is intended to limit the amount of extra equipment carried by an SPV within conditional limits, not provide an extra mass above conditional mass limits.

20. Conditions – Intelligent access program conditions

- 1) This section only applies in jurisdictions that have an intelligent access program condition in the relevant Schedule.
- 2) Pursuant to s402(a) and (b) of Chapter 7 of the HVNL, the following conditions of this Notice are intelligent access program conditions:
 - a) any condition relating to mass or dimensions; and
 - b) any condition relating to stated areas or routes to which the authority applies, including any relating to speed or time of travel.
- 3) Pursuant to s402(c) of Chapter 7 of the HVNL, an eligible vehicle:
 - a) must be monitored by an approved intelligent transport system as set out in the intelligent access program conditions of a Schedule to this Notice; and
 - b) any non-compliance reports made by the system must be provided to the Regulator within 28 days.

21. Conditions – Schedules

In addition to the conditions in the body of the Notice above, an eligible vehicle operating must comply with any further conditions set out in the Schedules for a relevant participating jurisdiction.

Peter Caprioli

Executive Director (Freight and Supply Chain Productivity)

National Heavy Vehicle Regulator

Schedule 1 Australian Capital Territory

1. Application

This Schedule applies to eligible vehicles operating in the Australian Capital Territory.

2. Conditions - Areas and Routes (Networks)

- 1) An eligible vehicle up to 4.3m in height operating in the Australian Capital Territory may operate on all roads.
- 2) An eligible vehicle that is more than 4.3 metres in height but no more than 4.6 metres in height, may operate on the following network:

Australian Capital Territory B-double Network

- 3) An eligible vehicle operating on the areas and routes specified in this section must comply with all conditions stated in the *ACT Special Purpose Vehicles Network – Routes with Mass and Width Conditions/Restrictions* or in the Guide.

Note: The following documents, lists and maps relating to access under this section are published by the Transport Canberra and City Services Directorate and published on its website:

- i. *ACT Special Purpose Vehicles Network – Routes with Mass and Width Conditions/Restrictions*
- ii. *Australian Capital Territory B-double Network*

Networks and conditions relating to them, including links to network maps, are published in the Operator's Guide.

3. Conditions – Axle mass limits specific to prescribed SPVs in the Australian Capital Territory.

- 1) A 2-axle or 3-axle prescribed SPV with a minimum axle spacing from the first axle in the group to the last axle in the group listed in Column 1 of Table 1 of this Schedule may have a single axle mass limit up to the corresponding mass in Column 3.

Table 1: Maximum mass for axle spacing for 2 and 3 axle prescribed SPVs

Column 1	Column 2	Column 3
2- Axle Prescribed SPV Minimum Axle Spacing (m)	3- Axle Prescribed SPV Minimum Extreme Axle Spacing (m)	Mass Limit (t)
3.0	4.0	12.0
2.9	3.9	11.7
2.8	3.8	11.4
2.7	3.7	11.1

- 2) A 2-axle or 3-axle prescribed SPV with a minimum ground contact width listed in Column 1 of Table 2 of this Schedule may have a single axle mass limit up to the corresponding mass in Column 2.

Table 2: Maximum mass for ground contact widths for 2 and 3 axle prescribed SPVs

Column 1	Column 2
2-Axle or 3-Axle Prescribed SPV Minimum Ground Contact Width (m)	Mass Limit (t)
2.4	12.0
2.3	11.0
2.2	10.0
2.1	9.0

Schedule 2 New South Wales

1. Application

This Schedule applies to eligible vehicles operating in New South Wales.

2. Definitions

1) In this Schedule:

Mobile crane means an eligible vehicle that is a crane:

- a) equipped with a boom; and
- b) designed primarily for raising, moving and lowering a freely suspended load; and
- c) is not a truck mounted crane.

Truck mounted crane means a crane built using an Australian Design Rules compliant heavy vehicle cab chassis.

Specified infrastructure means infrastructure specified by Transport for New South Wales under the urban access concession.

Urban access concession means the scheme of that name administered by Transport for New South Wales.

3. Conditions - Areas and Routes (Networks)

1) An eligible vehicle operating in the New South Wales may operate on the following routes from the *NSW Special Purpose Vehicle Network*, published by Transport for New South Wales (TfNSW):

a) An eligible vehicle that is not a 3-axle prescribed SPV:

SPV Level 1 Approved Routes

b) An eligible vehicle that is a 3-axle prescribed SPV:

SPV Level 3 Approved Routes

2) An eligible vehicle that is more than 4.3m but no more than 4.6m in height must only travel on routes that are approved for 4.6m high vehicles on the *NSW Special Purpose Vehicle Network*.

3) An eligible vehicle operating on the areas and routes specified in (1) and (2) must comply with all conditions stated on the *NSW Special Purpose Vehicle Network* or in the Guide.

Note: The NSW Special Purpose Vehicle Network, along with all conditions that apply to it, are published by TfNSW and are published on its website.

Networks and conditions relating to them, including links to network maps, are published in the Operator's Guide.

4. Conditions – Intelligent access program conditions

1) Pursuant to section 20 of this Notice:

- a) an eligible vehicle that is a mobile crane exceeding 2.5m in width may only operate in New South Wales if the vehicle is an intelligent access program vehicle enrolled in and monitored by the following approved intelligent transport system:

Intelligent Access Program (IAP)

- b) an eligible vehicle that is a truck mounted crane exceeding 2.5m in width may only operate in New South Wales if the vehicle is an intelligent access program vehicle enrolled in and monitored by the following approved intelligent transport system:

Intelligent Access Program (IAP)

Telematics Monitoring Application

5. Conditions – Urban Peak Hour Concession (for mobile cranes only)

- 1) This section applies to an eligible vehicle that is a mobile crane operating on the *NSW Special Purpose Vehicle Network* under section 3 of this Schedule and that meets the requirements of the *Urban Peak Hour Concession*.
- 2) It is a requirement of operating under this section that an eligible mobile crane must comply with the IAP requirements of section 4 of this Schedule, unless specified elsewhere in this section.
- 3) An eligible vehicle that is a mobile crane that meets the following requirements is exempt from section 4 of this Schedule:
 - a) is not more than 2.5m wide; and
 - b) is not more than 10.5m long; and
 - c) does not have a projection in front of the centre of the steering wheel exceeding 5.5m.
- 4) An eligible vehicle that is a mobile crane that meets the following requirements is exempt from section 4 of this Schedule:
 - a) is not more than 2.5m wide; and
 - b) is not more than 10.8m long; and
 - c) does not have a projection in front of the centre of the steering wheel exceeding 4.6m.

- 5) In this section, urban peak hour concession means the scheme of that name administered by Transport for New South Wales.

6. Conditions – Urban Access Concession (for mobile cranes only)

- 1) This section applies to an eligible vehicle that is a mobile crane operating on the *NSW Special Purpose Vehicle Network* under section 3 of this Schedule and that meets the requirements of the *Urban Access Concession*.
- 2) It is a requirement of operating under this section that an eligible mobile crane must comply with the IAP requirements of section 4 of this Schedule, unless specified elsewhere in this section.
- 3) An eligible vehicle that is a mobile crane that meets the following requirements is exempt from section 4 of this Schedule:
 - a) is not more than 2.5m wide; and
 - b) is not more than 14.5m long; and
 - c) does not have a projection in front of the centre of the steering wheel exceeding 3.5m.
- 4) An eligible vehicle that is a mobile crane that meets the following requirements is exempt from section 4 of this Schedule:
 - a) is not more than 2.5m wide; and
 - b) is not more than 10.8m long; and
 - c) does not have a projection in front of the centre of the steering wheel exceeding 5.5m.
- 5) An eligible vehicle that is a mobile crane with a forward projection exceeding 3.5m may operate on specified infrastructure only if it has a tether that meets the following requirements:
 - a) Be yellow and red in colour;
 - b) Be manufactured to a standard outlined in AS 4497-1997;
 - c) Be fitted from either of the travelling lugs of the boom to a lug at the front of the crane carrier.
- 6) The urban access concession does not apply on State-wide public holidays.

7. Conditions – Axle mass limits specific to prescribed SPVs in New South Wales

- 1) A prescribed SPV with 445mm sized tyres is permitted to operate at the approved 12t per axle mass.
- 2) A 2-axle or 3-axle prescribed SPV with a minimum axle spacing from the first axle to the last axle on the SPV listed in Column 1 of Table 1 of this Schedule may have a single axle mass limit up to the corresponding mass in Column 3.

Table 1: Maximum mass for axle spacing for 2-axle and 3-axle prescribed SPVs

Column 1	Column 2	Column 3
2- Axle Prescribed SPV Minimum Axle Spacing (m)	3- Axle Prescribed SPV Minimum Extreme Axle Spacing (m)	Mass Limit (t)
3.0	4.0	12.0
2.9	3.9	11.7
2.8	3.8	11.4
2.7	3.7	11.1

- 3) A 2-axle or 3-axle prescribed SPV with a minimum ground contact width listed in Column 1 of Table 2 of this Schedule may have a single axle mass limit up to the corresponding mass in Column 2.

Table 2: Maximum mass for ground contact widths for 2-axle and 3-axle prescribed SPVs

Column 1	Column 2
2-Axle or 3-Axle Prescribed SPV Minimum Ground Contact Width (m)	Mass Limit (t)
2.4	12.0
2.3	11.0
2.2	10.0
2.1	9.0

Schedule 3 Queensland

1. Application

- 1) This Schedule applies to eligible vehicles operating in Queensland.
- 2) This Schedule does not apply to prescribed SPVs that have three axles.

2. Conditions - Areas and Routes (Networks)

- 1) An eligible vehicle operating under this Schedule may operate on the following routes and networks subject to the conditions of this Schedule:
 - a) State controlled roads in Queensland; and
 - b) Roads and areas listed in the *Queensland Special Purpose Vehicles Local Government Network*.
- 2) Travel by any eligible vehicle on a route in Queensland must comply with the conditions relating to routes specified in 1), as set out in:
 - a) the Queensland Special Purpose Vehicles Local Government Network; and
 - b) the Conditions of Operation Database; and
 - c) the Access Conditions Guide as it applies to class 1 SPV's on State controlled roads; and
 - d) the Operator's Guide; and
 - e) all conditions of this Notice and this Schedule.
- 3) An eligible vehicle that is either a 2-axle prescribed SPV or a 2-axle articulated steering crane that has a mass on any axle exceeding 10t must not cross a structure that is listed on the *2-axle Prescribed SPV and 2-axle Articulated Steering Crane Map*.
- 4) An eligible vehicle that is a 3-axle articulated steering crane must not cross a structure that is listed on the *3-axle Articulated Steering Cranes Map*.
- 5) An eligible vehicle operating on routes and networks specified in this section must comply with all conditions of the Notice, this Schedule and any conditions of the area or route.

Note: *The Queensland Special Purpose Vehicles Local Government Network relating to access under this section is maintained and published by the NHVR.*

The following documents, lists and maps relating to access under this section that are maintained by the Queensland Department of Transport and Main Roads and published on its website, or the Queensland Government Publications Portal:

- i. *Conditions of Operation Database*
- ii. *Access Conditions Guide*

- iii. 2-axle Prescribed SPV and 2-axle Articulated Steering Crane Map
- iv. 3-axle Articulated Steering Cranes Map

Networks and conditions including links to network maps, are published in the Operator's Guide.

3. Conditions – Conditions for operation under this Notice in Queensland

Section 11(2) of this Notice does not apply to prescribed SPVs operating in Queensland, which must comply with the tyre and axle mass requirements specified in Table 2 of this Notice.

4. Conditions – Additional Mass limits for tandem axle special purpose vehicles in Queensland

The mass on an axle group described in Column 1 with a contact ground width in Column 2 must not be more than the mass limit in Column 3.

Table 1: Additional Mass limits for tandem axle special purpose vehicles

Column 1	Column 2	Column 3
Type of Axle or Axle Group	Minimum ground contact width of axle (m)	Maximum mass limit (t)
Tandem axle group fitted with dual tyres where the centre lines of the axles are at least 1.20m but less than 1.35 m apart.	3.3	28.0
Tandem axle group fitted with dual tyres where the centre lines of the axles are at least 1.35 m apart.	3.0	28.0

5. Conditions – Authority to Operate

- 1) An eligible vehicle that exceeds regulation mass operating in Queensland must have a current Authority to Operate (ATO).
- 2) The mass of an eligible vehicle must not exceed the maximum mass limits specified in the ATO. Where the mass limits of the ATO are less than the mass limits available under this Notice, the limits in the ATO must apply.
- 3) In this section, an **Authority to Operate (ATO)** means an approval of that name granted by the Queensland Department of Transport and Main Roads (TMR).

Note: An Authority to Operate is administered by TMR. Details for application and other rules relating to ATOs are available on the TMR website.

8. Conditions – Axle mass limits specific to prescribed SPVs in Queensland

- 1) A 2-axle prescribed SPV with a minimum axle spacing listed in Column 1 of Table 2 of this Schedule may have a single axle mass limit up to the corresponding mass in Column 3.

Table 2: Maximum mass for axle spacing for 2-axle prescribed SPVs

Column 1	Column 3
2- Axle Prescribed SPV Minimum Axle Spacing (m)	Mass Limit (t)
3.0	12.0
2.9	11.0
2.8	10.0
2.7	9.0

- 2) A 2-axle prescribed SPV with a minimum ground contact width listed in Column 1 of Table 3 of this Schedule may have a single axle mass limit up to the corresponding mass in Column 2.

Table 3: Maximum mass for ground contact widths for 2-axle prescribed SPVs

Column 1	Column 2
2-Axle SPV Minimum Ground Contact Width (m)	Mass Limit (t)
2.4	12.0
2.3	11.0
2.2	10.0
2.1	9.0

9. Conditions – Requirements for 3-axle articulated steering cranes

- 1) A 3-axle articulated steering crane operating under this Schedule must comply with all of the conditions in this section.
- 2) The minimum spacing between a given pair of axles listed in column 1 of Table 4 must not be less than the distance listed in column 2 for that pair of axles.

Table 4: Minimum spacing between axles

Column 1	Column 2
Relevant Axles	Minimum distance between pair of axles (m)
Between the front axle and middle axle	4.27
Between the middle axle and rear axle	1.40
Between the front and rear axles	5.67

- 3) The maximum mass shared across all axles listed in column 1 of Table 5 must not exceed the mass listed in Column 2 for that grouping.

Table 5: Maximum mass on axles or groups of axles

Column 1	Column 2
Relevant Axles	Total Mass shared by each relevant axle grouping (t)
Front axle only	12
Front axle and middle axle	22
Middle axle and rear axle	20
All axles	32

- 4) A 3-axle articulated steering crane operating under this Schedule must have a minimum ground contact width of 2.65m.

Schedule 4 South Australia

1. Application

This Schedule applies to eligible vehicles operating in South Australia.

2. Conditions - Areas and Routes (Networks)

- 1) An eligible vehicle that is a 3-axle prescribed SPV may access the following network:

3 Axle Crane Network

- 2) An eligible vehicle that is not a 3-axle prescribed SPV and that does not exceed 3.1m in width may access the following network:

40t Special Purpose Vehicle Network

- 3) An eligible vehicle that is not a 3-axle prescribed SPV, that exceeds 3.1m but does not exceed 3.5m in width may access the following network:

25m 59.5t Low Loader network

- 4) An eligible vehicle operating on the areas and routes specified in this section must comply with all conditions stated on the relevant network or in the Guide.

Note: The following documents, lists and maps relating to access under this section are maintained by the South Australia Department for Infrastructure and Transport and published on its website:

- i. 3 Axle Crane Network*
- ii. 40t Special Purpose Vehicle Network*
- iii. 25m 59.5t low loader network*

Networks and conditions relating to them, including links to network maps, are published in the Operator's Guide.

3. Conditions – Mass (Tyre mass limits for prescribed SPV in South Australia)

Section 11(2) of the Notice does not apply to prescribed SPV's operating in South Australia.

4. Conditions – Mass (3-axle articulated steering cranes)

- 1) An eligible vehicle that is an articulated steering crane with a single front axle and a dual rear axle must not exceed the following mass limits:
- a) Front axle – 12t
 - b) Rear Axle group – 20t
 - c) Total vehicle mass – 32t

5. Conditions – Pilots and escorts

Where a pilot vehicle is specified to accompany the SPV, the pilot vehicle driver must operate in accordance with, and carry a copy of, the booklet titled *“Escorting Guidelines for Oversize and Overmass Vehicles and Loads”* published by the Department for Infrastructure and Transport (DIT) and must produce that booklet when requested by an Authorised Officer or a Police Officer.

6. Conditions – Axle mass limits specific to prescribed SPVs in South Australia

- 1) A 2-axle or 3-axle prescribed SPV with a minimum axle spacing from the first axle to the last axle on the SPV listed in Column 1 or 2 of Table 1 of this Schedule may have a single axle mass limit up to the corresponding mass in Column 3.

Table 1: Maximum mass for axle spacing for 2-axle and 3-axle prescribed SPVs

Column 1	Column 2	Column 3
2- Axle Prescribed SPV Minimum Axle Spacing (m)	3- Axle Prescribed SPV Minimum Extreme Axle Spacing (m)	Mass Limit (t)
3.0	4.0	12.0
2.9	3.9	11.7
2.8	3.8	11.4
2.7	3.7	11.1

- 2) A 2-axle or 3-axle prescribed SPV with a minimum ground contact width listed in Column 1 of Table 2 of this Schedule may have a single axle mass limit up to the corresponding mass in Column 2.

Table 2: Maximum mass for ground contact widths for 2-axle and 3-axle prescribed SPVs

Column 1	Column 2
2-Axle or 3-Axle Prescribed SPV Minimum Ground Contact Width (m)	Mass Limit (t)
2.4	12.0
2.3	11.0
2.2	10.0
2.1	9.0

Schedule 5 Victoria

1. Application

This Schedule applies to eligible vehicles operating in Victoria.

2. Conditions - Areas and Routes (Networks)

1) An eligible vehicle operating in Victoria may operate on the following networks:

- a) An eligible vehicle that is a two-axle prescribed SPV or a two-axle articulated steering crane may use routes marked in green on the following network:

2-Axle SPV Network

- b) An eligible vehicle that is not a two-axle prescribed SPV or a two-axle articulated steering crane may use the following network:

40t SPV Network

2) Notwithstanding the access granted in (1), a prescribed SPV that exceeds:

- a) 2.5m in width must not use any part of the approved routes consisting of the Mountainous Area or the Otway Area; or
- b) 3.0m in width must not use any part of the approved routes consisting of the Colac-Surf Coast Area or the Gippsland Ranges Area.

3) In this section, the following terms have the same meaning as in the 40t SPV Network:

- a) Mountainous Area or the Otway Area
- b) Colac-Surf Coast Area or the Gippsland Ranges Area

4) An eligible vehicle operating on the areas and routes specified in this section must comply with all conditions stated on the relevant network or in the Guide.

Note: The following documents, lists and maps relating to access under this section are maintained by Victorian Department of Transport and published on its website:

- i. 2-Axle SPV Network*
- ii. 40t SPV Network*

Networks and conditions relating to them, including links to network maps, are published in the Operator's Guide.

- 5) A prescribed SPV must not use any part of the approved routes consisting of:
 - a) a timber deck bridge; or
 - b) a road, bridge or other structure with a mass or dimension limit indicated by a traffic sign if the vehicle would exceed that mass or dimension limit; or
 - c) a tunnel.

3. Conditions – Conditions for operation under this Notice in Victoria

- 1) If a prescribed SPV has the centre of a steering control to the left of the vehicle or has a boom which obscures the driver's vision, it must either:
 - a) be fitted with a closed circuit television system that provides the driver with an adequate view to the right rear quarter of the vehicle; or
 - b) be accompanied by one pilot vehicle.

4. Conditions – Axle mass limits specific to prescribed SPVs in Victoria

- 1) The distance between the centre of the first axle and the centre of the last axle of a 2-axle prescribed SPV must be a minimum of 2.95m.
- 2) A 2-axle prescribed SPV must have a ground contact width of at least 2.35m.
- 3) The distance between the centre of the first axle and the centre of the last axle of a 3-axle prescribed SPV must be a minimum of 4.0m.
- 4) A 3-axle prescribed SPV must have a ground contact width of at least 2.5m.