



HEAVY VEHICLE NATIONAL LAW

**Multi-State Class 1 Load Carrying Vehicles Mass Exemption Notice 2016
Amendment Notice 2020 (No.1)**

1. Purpose

- (1) This Notice amends the Multi-State Class 1 Load Carrying Vehicles Mass Exemption Notice 2016 (LCV Dimension Exemption) by replacing the South Australia Schedule.

Note: The South Australia Schedule in this amendment contains changes to the network references, and some minor corrections. Primary exemptions and conditions have not been changed. All previous amendments have been incorporated.

This amendment replaces the Schedule included in the Multi-State Class 1 LCV Mass Exemption Notice 2016 Amendment Notice 2019 (No.2).

2. Authorising Provision

- (1) This notice is made under section 119, and section 23 of Schedule 1, of the Heavy Vehicle National Law (HVNL).

3. Commencement

This notice commences on 3 January 2020.

4. Expiry

This notice expires when the Multi-State Class 1 Load Carrying Vehicles Mass Exemption Notice 2016 expires, is cancelled or otherwise amended.

5. Amendment

- (1) This Notice amends the Multi-State Class 1 Load Carrying Vehicles Mass Exemption Notice 2016 by:

- a) Omitting “Schedule 2 South Australia”, and inserting “Schedule 2 South Australia” contained in Schedule 1 of this Notice.

Note: This section specifically replaces the South Australia Schedule introduced in the Multi-State Class 1 Load Carrying Vehicles Mass Exemption Notice 2016 Amendment Notice 2019 (No. 2).

Peter Caprioli
Executive Director (Freight and Supply Chain Productivity)
National Heavy Vehicle Regulator

Schedule 1: Replacement South Australia Schedule

Schedule 2 South Australia

1. Application

The provisions in this Schedule apply in South Australia.

2. Vehicles and vehicle categories

- 1) This Schedule applies to a load carrying vehicle that is comprised of a prime mover towing:
 - a) a low loader fitted with 3, 4 or 5 axles; or
 - b) a tandem axle low loader dolly, and a low loader mentioned in (a).
- 2) A prime mover mentioned in subsection (1) must be fitted with a single steer axle and a dual-drive tandem axle group.
- 3) A vehicle mentioned in subsection (1) is an eligible vehicle in this Schedule.

3. Definitions for this Schedule

- 1) In this Schedule:

DPTI means the South Australia Department of Planning, Transport and Infrastructure.

Operator's Guide means the South Australia Load Carrying Vehicle's Operator's Guide.

Note: the Operator's Guide is published by the National Heavy Vehicle Regulator.

Participating Road Manager means a Road Manager listed in the Participating Road Manager section of the *Operator Guide*

4. Maximum mass of an eligible vehicle

- 1) The mass of an eligible vehicle must not be more than 93.5t.

Note: Complying steer axle vehicles may operate at an additional 0.5t above the mass above

5. Axle group mass limits for a low loader or low loader dolly

- 1) The mass on a tandem axle dolly fitted with 4 tyres on each axle must not be more than 18.5t.
- 2) The mass on an axle group of a low loader dolly with 8 tyres on each axle must not be more than a mass limit determined by the application of Table 1.

- 3) The sum of the mass on a dual-drive tandem axle group and the mass on a tandem axle dolly must not be more than the mass limit stated in Table 1, for the minimum overall axle spacing and minimum ground contact width for the dolly axle specified.

Table 1: Mass limits for a tandem axle dolly and prime mover

Minimum dolly ground contact width (m)	Minimum overall axle spacing (m)								
	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2 +
Maximum sum of drive axle and tandem axle dolly mass limit (t)									
4 tyred axle mass limit (t)									
2.4	29	30	31	32	33	34	35	36	37
8 tyred axle mass limit (t)									
2.4	29	30	31	32	33	34	35	36	37
2.6	30	31	32	33	34	35	36	37	38
2.8	31	32	33	34	35	36	37	38	39
3	32	33	34	35	36	37	38	39	40
3.2	33	34	35	36	37	38	39	40	41
3.4	34	35	36	37	38	39	40	41	42
3.6	35	36	37	38	39	40	41	42	43
3.8	35.5	36.5	37.5	38.5	40	41	42	43	44
4	35.5	37	38	39	40.5	42	43	44	45
4.2	35.5	37	38	39.5	41	43	44	45	46
4.4	35.5	37	38	39.5	41.5	44	45	46	47

Note: The 'overall axle spacing' in Table 1 is the distance from the centre of the first axle in the drive axle group to the centre of the last axle in the dolly group shown in Figure 1.

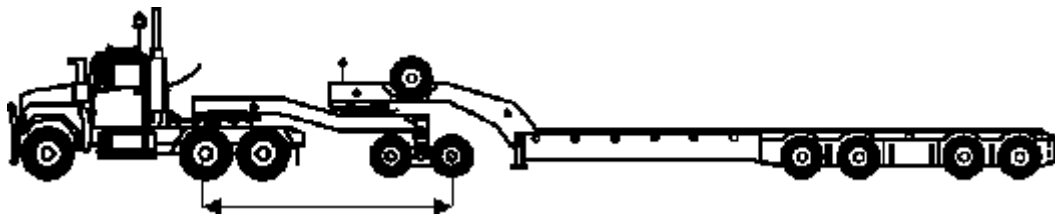


Figure 1 - Overall axle spacing measurement guide

- 4) The mass on an axle group of a low loader must not be more than the mass limit stated in Table 2 for the stated axle group configuration and minimum axle group ground contact width specified.

Table 2 – Mass limits of low loader axle groups

Minimum axle group ground contact width (m)	Number and spacing of axles in axle group (spacing in metres)			
	3 @ 1.2	3 @ 1.8	4 @ 1.2	4 @ 1.2, 2.4, 1.2 or 5 @ 1.2
4 tyred axle mass limit (t)				
≥2.4	25	27	30	35
8 tyred axle mass limit (t)				
2.4	25	27	30	35
2.6	26	29	31.5	36
2.7	27	31	33	37.5
2.8	28	33	34	39
2.9	29	34.5	35	40
3.0	30	36	36	41
3.1	31	37.5	37.5	42
3.2	32	39	39	43.5
3.3	33	40	40	44.5
3.4	34	41	41	46
3.5	35	42	42	47
3.6	36	43	43	48
3.7	37	44	44	49
3.8	38	45	45	50
3.9	39	46	46	51
4.0	40	47	47	52
4.1	40	48	48	53
4.2	40	48	49	54
4.3	40	48	49	55
4.4	40	48	49	56

6. Conditions - Axle spacings

- 1) For a prime mover and low loader combination, the distance from the centre-line of the rear most axle of the prime mover to the centre-line of the foremost axle of the low loader must not be less than 6.0m.
- 2) For a prime mover, low loader dolly and low loader combination, the distance from the centre-line of the rear most axle of the dolly to the centre-line of the foremost axle of the low loader must not be less than 6.0m.

7. Conditions - Areas or routes

- 1) An eligible vehicle up to 2.5 metres wide, 23 metres long or 4.6 metres high with a total mass of up to 42.5 t may operate on route specified on the maps titled '23m 42.5t low loader 24 hr' or '23m 42.5t low loader day only'.
- 2) An eligible vehicle up to 3.5 metres wide, 25 metres long, or 5.0 metres high with a total mass of no greater than 59.5 t may operate on route specified on the map titled '25m 59.5t low loader'.
- 3) An eligible vehicle up to 4.0 metres wide, 30 metres long, or 5.0 metres high with a total mass of no greater than 93.5 t may operate on route specified on the map titled '4.0m wide up to 93.5t low loader'.
- 4) An eligible vehicle up to 4.5 metres wide, 30 metres long, or 5.0 metres high with a total mass of no greater than 93.5 t may operate on route specified on the map titled '4.5m wide up to 93.5t low loader'.

Note: The South Australian RAVnet Map System maps are maintained by DPTI and are published on its website.

- 5) An eligible vehicle must only travel on a route specified in section 5 of this Schedule for that category of vehicle and in accordance with any condition or limitation specified for that route.

8. Conditions – General

- 1) The tyre section width of the narrowest tyre fitted to any low loader dolly or low loader must not be less than 190mm (7.50”).