

## Information Sheet

### Victoria Class 1 4-axle & 5-axle All Terrain Mobile Crane Mass and Dimension Exemption Notice 2018

#### Purpose

The purpose of the *Victoria Class 1 4-Axle & 5-Axle All Terrain Mobile Crane Mass and Dimension Exemption Notice 2018* (the Notice) is to exempt certain all terrain cranes from the mass and dimension requirements in the *Heavy Vehicle (Mass Dimension and Loading) National Regulation* (the MDL).

The Notice replaces the *Victoria Class 1 4-Axle & 5-Axle All Terrain Mobile Crane Mass and Dimension Exemption Notice 2016 (No.2)*.

The Notice commenced on 15 June 2018.

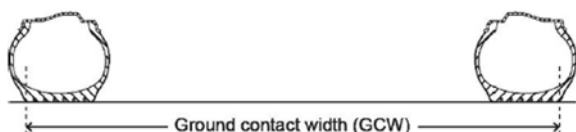
#### Definitions

**All terrain mobile crane** means a special purpose vehicle that has all of the following features and requirements—

- (a) is a mobile crane with either 4 axles or 5 axles; and
- (b) has two tyres per axle; and
- (c) has at least 50% of its axles steerable; and
- (d) is not a truck mounted special purpose vehicle; and
- (e) has on road and off road capability; and (e)
- (f) has separate driving and crane operating compartments.

**Ground contact width (GCW)** means—

- (a) in relation to an axle, the distance between the outermost point of ground (a)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 (b)in the group.



#### Mass and Dimension Requirements

The tables in this section summarise the minimum axle spacings, GCW and axle mass limits for eligible vehicles.

#### 4 Axle All Terrain Mobile Cranes



**Table 1: Minimum Axle spacing for a 4 Axle All Terrain Mobile Crane**

GVM (t)	Minimum axle spacing (mm)			
	Axle 1-4	Axle 1-2	Axle 2-3	Axle 3-4
42.0	5300	1650	2000	1650
44.0				
45.0				
46.0				
47.0				
48.0				

**Table 2: Axle mass limits and Ground Contact Width (GCW) for a 4 Axle All Terrain Mobile Crane**

GVM (t)	Minimum GCW (mm)	Maximum mass limit per axle (t)
42.0	2470	12.0
44.0	2510	
45.0	2550	
46.0	2590	
47.0	2630	
48.0	2670	

### 5 Axle All Terrain Cranes



**Table 3: Minimum Axle Spacing for a 5 Axle All Terrain Mobile Crane**

GVM (t)	Minimum axle spacing (mm)				
	Axle 1-5	Axle 1-2	Axle 2-3	Axle 3-4	Axle 4-5
50.0	7250	2450	1600	1600	1600
54.0	7750	2450	1650	2000	1650
56.0					
57.0					
58.0					
59.0					
60.0					

**Table 4: Axle mass limits and Ground Contact Width (GCW) for a 5 Axle All Terrain Mobile Crane**

GVM (t)	Minimum GCW (mm)	Maximum mass limit per axle (t)
50.0	2750	10.0
54.0	2670	12.0
56.0	2720	
57.0	2770	
58.0	2820	
59.0	2870	
60.0	2920	

### Dimension Limits

Eligible vehicles must comply with the general dimension requirements in Table 5.

**Table 5: Dimension Limits**

Dimension	Limit
Overall length	16.5m
Rear overhang	Lesser of 4.0m and 90% of the wheelbase
Width	3.5m
Projection in front of the centre of the steering wheel	3.5m

### Operating Conditions

- An eligible vehicle must also comply with the conditions in **Schedule 8 - Conditions of mass or dimension exemptions applying to Class 1 heavy vehicles** of the MDL.
- The section width of each tyre on an eligible vehicle must be at least 445mm.
- If an eligible vehicle has the centre of a steering control to the left of the vehicle it must—
  - (a) display a ‘**left hand drive**’ sign that complies with section 31 of Schedule 2 to the *Heavy Vehicle (Vehicle Standards) National Regulation* on the rear of the vehicle; and
  - (b) either—
    - i. 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
    - ii. be accompanied by a pilot vehicle.
- **During travel —**
  - (a) the eligible vehicle’s compliance with the following conditions must be monitored by an approved intelligent transport system used by an intelligent access service provider—
    - i. the vehicle’s use only on roads authorised by this Notice; and
    - ii. the vehicle’s compliance with any conditions of use of a road under this Notice; and
  - (b) any non-compliance reports made by the system must be sent to the Regulator within 7 days.

Note—The point of contact for noncompliance reports is VicRoads on (03) 9881 8702.

### Route Restrictions

- Travel over timber deck bridges on an approved route(s) is not permitted
- An eligible vehicle that has a maximum speed capability of 60km/h or less, may not be used on any freeway or tollway on the approved routes;
- An eligible vehicle that has a maximum speed capability greater than 80km/h may use all the freeways and tollways on the approved routes;
- The maximum speed capability of a crane is the maximum speed the crane is able to reach on a

horizontal surface, as determined by the crane manufacturer.

## Route Conditions

- An eligible vehicle may not use the approved routes more than twice per day, being once on the inbound journey and once on the outbound journey.
- Where practical and safe to do so, an eligible vehicle must avoid being on a bridge at the same time as a B-double, a Class 1 heavy vehicle or a Class 3 heavy vehicle.
- The following conditions apply if an eligible vehicle operating under the Notice is used on **tollways**—
  - (a) for travel on **CityLink**, the operator of the vehicle must—
    - i. as soon as practicable, contact CityLink on Tel: (03) 9674 2001 or Fax (03) 9674 2060 to advise of the intended movement of that vehicle and obtain a reference number; and
    - ii. at least 30 minutes before the vehicle is to be used on CityLink, telephone CityLink on (03) 9674 2001 to confirm the intended travel and to obtain advice on traffic conditions, any road works and lane closures.
  - (b) for travel on **EastLink**, the operator of the vehicle must—
    - i. as soon as practicable contact EastLink on Tel: (03) 9955 1900 or Fax: (03) 9955 1907 to advise of the intended movement and obtain a reference number; and
    - ii. at least 30 minutes before the vehicle is to be used on EastLink contact EastLink on (03) 9955 1900 to confirm the intended travel and obtain advice on traffic conditions, any road works and lane closures.
- If an eligible vehicle is wider than 3.0m, before attempting to cross a railway track and/or a tramway track, the driver or operator of the vehicle must first obtain permission from the *Transport Compliance Unit of the Department of Transport Planning and Local Infrastructure*. (Tel: 96556134 - Mob 0417 054 626).

## Approved Route

Eligible vehicles are authorised to operate on the '**4 & 5 Axle All Terrain Mobile Crane Network**' published on the VicRoads website.

This can be found by accessing this link <https://www.vicroads.vic.gov.au/business-and-industry/heavy-vehicle-industry/heavy-vehicle-map-networks-in-victoria>

### Note:

- Operators must comply with additional conditions on approved and restricted routes on the maps.
- If travel is required on a route other than a route permitted under this Notice, a mass or dimension exemption (permit) must be obtained from the National Heavy Vehicle Regulator for travel on that route.
- Consent must be obtained from Eastlink or Citylink before travel on their roads.

## Contact the NHVR

If operators have any further queries regarding the operation of this Notice, the NHVR may be contacted using the details below.

### For more information:

Subscribe: [www.nhvr.gov.au/subscribe](http://www.nhvr.gov.au/subscribe)

Visit: [www.nhvr.gov.au](http://www.nhvr.gov.au)

Phone: 1300 MYNHVR\* (1300 696 487)

Email: [info@nhvr.gov.au](mailto:info@nhvr.gov.au)

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Disclaimer: This fact sheet is only a guide and should not be relied upon as legal advice.

\*Standard 1300 call charges apply. Please check with your phone provider.