

New South Wales 4 and 5 Axle Crane Notice - Industry Information Sheet

The National Heavy Vehicle Regulator (NHVR) develops a range of heavy vehicle notices therefore reducing the need for heavy vehicle road access permits. This involves liaising directly with road managers, both state and territory road authorities and local governments, to manage applications and issue permits.

This document aims to assist the customer with locating and reviewing the '**New South Wales Class 1 4-Axle & 5-Axle All Terrain Mobile Crane Mass and Dimension Exemption Notice 2024**'.

Background

On the 19 July 2019 the '**New South Wales Class 1 4-Axle & 5-Axle All Terrain Mobile Crane Mass and Dimension Exemption Notice 2019**' was published and has reduced the number of required SPV permits across New South Wales. Operators are advised to review the published notices to see if a heavy vehicle permit is still required.

NSW 4 and 5 axle Crane Steps

The following steps must be completed in the outlined order to ensure an efficient and streamlined process:

Step 1 – Locating the Notice and Operators Guide

Select the following NHVR website link:

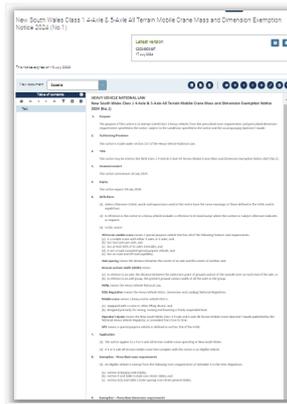
<https://www.nhvr.gov.au/road-access/access-management/applications/special-purpose-vehicle-permit>

Step 2 – Open the Notice and Operators Guide

Select and open the following documents:

- [New South Wales Class 1 4-Axle & 5-Axle All Terrain Mobile Crane Mass and Dimension Exemption Notice 2024 \(No.1\)](#)
- [New South Wales Class 1 4-axle and 5-axle All Terrain Mobile Crane Operator's Guide](#)

Notice:



Guide:



Step 3 – Notice Eligible Vehicle

Section 7. Application

Read and confirm that your heavy vehicle complies with the stated eligible vehicles.

4-axle all terrain crane



5-axle all terrain crane



Step 4 – Notice Dimensions

Section 10. Conditions – Dimension requirements (General)

Read and confirm that your heavy vehicle does not exceed the dimensions as stated in this section.

Section 11. Conditions – Dimension requirements (Rear Overhang)

Read and confirm that your heavy vehicle does not exceed the rear overhang dimension as stated in this section.

Step 5 – Notice Axle Mass and Spacing

Section 12. Dimension requirements – axle spacing and ground contact width

Read and confirm that your heavy vehicle can comply with the axle mass and spacing table (Table 2).

Table 2 Axle Spacing for a 4 or 5 Axle All Terrain Mobile Crane

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9
Maximum mass of eligible vehicle (t)	Spacing between first and last axle	Minimum axle spacing (mm)				Maximum mass limit per axle (t)	Minimum GCH (mm)	Approved SPV Network
		Axle 1 – 2	Axle 2 – 3	Axle 3 – 4	Axle 4 – 5			
Four Axle Cranes								
43.0	5200	1650	1900	1500	N/A	12.0	2450	SPV Level 3
45.8	5200	1650	1900	1650	N/A	12.0	2450	SPV Level 4
48.0	5200	1650	1900	1650	N/A	12.0	2450	SPV Level 4/1/21 per axle
Five Axle Cranes								
50.0	6950	2200	1600	1550	1600	12.0	2650	SPV Level 4
50.0	6950	2200	1600	1550	1600	12.0	2450	SPV Level 4/1/21 per axle
60.0	6950	2200	1600	1550	1600	12.0	2650	SPV Level 6

Step 6 – Notice Tyres & TMA

Section 13. Conditions – General

Read and confirm that your heavy vehicle can comply with the tyre, IAP and TMA requirements.

Step 7 – Notice Signage

Section 15. Conditions – General

Read and confirm that your heavy vehicle can comply with the front and rear signage requirements.

Step 8 – Notice Approved Network Access

Section 16. Stated maps and areas - Approved routes and travel conditions

If your heavy vehicle complies with the Notice, you must identify what network access you have.

Step 9 – Operators Guide Conditions



Read and confirm that your heavy vehicle can comply with all of the conditions as stated in the *New South Wales Class 1 4-axle and 5-axle All Terrain Mobile Crane Operator's Guide*.

Complying with the Notice Checklist

- I can comply with the eligible vehicles
- I can comply with all of the dimensions
- I can comply with the axle mass and spacings
- I can comply with the tyre requirements
- I can comply with the IAP and TMA requirements
- I can comply with the signage requirements
- I can comply with the conditions of operation

If all of the above boxes are ticked during your assessment, you have access to the corresponding approved network.

If you need to operate on roads to and from the approved network, you need to apply for a heavy vehicle road access application via the [NHVR Portal](#).

If you are unable to tick the above boxes when completing your assessment, you will be required to apply for a heavy vehicle road access application via the [NHVR Portal](#).

For more information:

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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.

NSW 4 & 5 Axle Cranes - Summary of Allowances

Item	4-axle all terrain crane	5-axle all terrain crane
Configuration		
Maximum length (m)	17.0	17.0
Maximum width (m)	3.5	3.5
Maximum height (m)	4.6	4.6
Maximum forward projection (m)	3.5	3.5
Maximum rear overhang (m)	Lesser of 4.5m or 90% of the wheelbase	Lesser of 4.5m or 90% of the wheelbase
Maximum mass (t)	48	60
Approved Network	@43t = SPV Level 3 @45.8t = SPV Level 4 @48t = SPV Level 4/12t per axle	@50t = SPV Level 4 @50t= SPV Level 4/12t per axle @60t = SPV Level 6

Table 2 - Axle spacing for a 4 or 5 Axle all terrain mobile crane

Maximum GVM (t)	Minimum axle spacing (mm)					Maximum mass limit per axle (t)	Minimum GCW (mm)	Approved SPV Network
	Spacing between first and last axle	Axle 1 – 2	Axle 2 – 3	Axle 3 – 4	Axle 4 – 5			
4-Axle All Terrain Crane								
4 axle @ 43.0t	5200	1650	1900	1650	N/A	12.0	2450	SPV Level 3
4 axle @ 45.8t	5200	1650	1900	1650	N/A	12.0	2450	SPV Level 4
4 axle @ 48.0t	5200	1650	1900	1650	N/A	12.0	2450	SPV Level 4/12t per axle
5-Axle All Terrain Crane								
5 axle @ 50.0t	6950	2200	1600	1550	1600	12.0	2650	SPV Level 4
5 axle @ 50.0t	6950	2200	1600	1550	1600	12.0	2450	SPV Level 4/12t per axle
5 axle @ 60.0t	6950	2200	1600	1550	1600	12.0	2650	SPV Level 6