

Queensland Class 1 Crane Permit Scheme – Industry Information Sheet

Purpose

The purpose of this document is to outline the set of criteria that must be met in order to participate in the **Queensland Class 1 All Terrain Crane Permit Scheme**.

Please Note: A permit application via the NHVR Portal is still required prior to travel.

Definition

All terrain crane means a Special Purpose Vehicle (SPV) that has all of the following features and requirements:

- is a mobile crane; and
- has two tyres per axle; and
- has at least 50% of its axles steerable; and
- is not a truck mounted SPV; and
- has on-road and off-road capability.

Eligible Vehicles





In order to be eligible for the scheme, a vehicle must have a valid Authority to Operate (ATO) from the Department of Transport and Main Roads (TMR). The vehicle would have been assessed and an IAP Category would have been determined.

Only vehicles that have been identified by TMR as IAP Category 1 or IAP Category 2 are eligible to participate in the scheme.

- IAP Category 1 –**
Mobile cranes with a total mass between 40t and 70t and can comply with a Gross Mass Limit formula of $3L+15+/- G$ for all combinations of axle groups.
- IAP Category 2 –**
Mobile cranes that cannot comply with $3L+15+/- G$ that have been assessed and approved by Bridge Asset Management for operation under 48t crane restrictions. These restrictions are based on the structural loading effects of a "standard" 4 axle all terrain crane operating at 12 tonnes per axle.

Table 1 outlines examples of configurations that may be eligible to apply for a permit under this scheme:

Table 1 Example Vehicle Configurations

Vehicle configuration	Max. mass	
	3-axle all terrain crane	36t
	4-axle all terrain crane	48t
	5-axle all terrain crane	50t
	crane with boom dolly	70t

Tyre Size Requirements

In order to be eligible for participation in the scheme, the vehicle must comply with the relevant tyre size requirements, as outlined in Table 2:

Table 2: Tyre Size Requirements

Tyre width (mm) of the narrowest tyre on the axle		Mass limit for an axle fitted with 2 tyres (tonnes)	Mass limit for an axle fitted with 4 tyres (tonnes)
At Least	But Less Than		
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

Dimension Requirements

In order to be eligible for participation in the scheme, the vehicle must comply with the following dimension requirements:

Table 3: Dimension Requirements

Dimension	Limit
Overall Length Mobile Crane	16.5m
Overall Length Mobile Crane fitted with boom dolly	25.0m
Height	4.3m
Width	3.5m
Rear overhang (Distance from the centre of the last two axles to the rear of the vehicle)	Up to 4.5m subject to compliance with National notice requirements ^(Note 1)
Forward Projection (in front of the centre of the steering wheel)	3.5m

Note 1: Applicable notices are the **National Heavy Vehicle Standards (Special Purpose Vehicles Exceeding 40 tonnes Total Mass) Exemption Notice** or the **National Class 1 Special Purpose Vehicle Notice**.

Areas of Operation

The NHVR issued permit will provide access to the state controlled road network as well as local council pre-approved networks. The pre-approved council networks can be viewed via the [NHVR Portal Route Planner](#) utilising the following permit scheme layers:

- SPV 3 @ 36t LGA roads (QLD)
- SPV 4 @ 48t LGA roads (QLD)
- SPV 5 @ 50t LGA roads (QLD)
- SPV 40t – 70t LGA roads (QLD)

Operators have access to all state controlled roads in Queensland with exception to the Bridge and Culvert travel restrictions for Category IAP1 and Category IAP2 vehicles as located on the Transport and Main Roads website: <https://www.tmr.qld.gov.au/business-industry/Heavy-vehicles/Heavy-vehicle-route-maps-and-restrictions>

Conditions of Operation

Eligible vehicles must comply with all conditions as outlined on the NHVR issued permit and the applicable pre-approved network.

Operators must check relevant conditions as outlined on the applicable pre-approved network prior to travel.

How to Apply

In order to operate under the scheme, an application for a heavy vehicle permit must be submitted via the NHVR Portal.

To apply for a new permit via the NHVR Portal:

1. Go to <https://www.service.nhvr.gov.au> and if not already registered, follow the prompts to set up an account.
2. Once registered, from the home screen, click on the **'Application Tracker'** tile.
3. Click on the **'New Application'** button and enter a reference for your application.
4. Click on the green **'Select Configuration'** button and then select the **'Permit Schemes'** heading.
5. Select the **'Queensland Class 1 All Terrain Crane Permit Scheme'** permit scheme.
6. Complete all fields in the **'Vehicle'** step of the application and then select the **'Next'** button.
7. In the **'Route'** step of the application, select the **'Network'** option.
8. Tick the confirmation box located under the **'Summary'** tab and progress to the next step in your application.
9. Navigate through the remainder of the application form, completing all mandatory information and attaching any supporting documentation.
10. Follow the prompts to confirm your contact details and complete payment for your application.

Frequently Asked Questions

How do I determine what IAP category my crane falls under?

The IAP category will be included in the Authority to Operate (ATO) information.

How do I apply for a permit if I am not eligible to participate in this scheme?

If you are not eligible to participate in this scheme, you will need to apply for a Special Purpose Vehicle Permit via the NHVR Portal. If you require assistance, please refer to the customer training videos located at:

<https://www.nhvr.gov.au/road-access/access-management/delegations-project>

How do I apply for access over a restricted structure?

You will be required to submit a new application via the NHVR Portal in order to request access on a restricted structure. As per the Department of Transport and Main Roads (TMR) requirements, a single route application must be submitted with an exact start and finish address.

Restricted structure access can only be requested for a single trip, with access being granted by Department of Transport and Main Roads (TMR) for 35 day duration.

What if my route is not included on the pre-approved network?

- **If you already have a permit under the scheme:**
You will need to apply for a new Special Purpose Vehicle Permit via the NHVR Portal.
- **If you do not already have a permit under the scheme:**
You will need to apply for a new Special Purpose Vehicle Permit via the NHVR Portal.

What if the permit scheme provides better access than my current SPV permit?

If you would like to operate on the pre-approved network, you will need to apply for a new permit via the NHVR Portal.

Can I apply for a permit prior to obtaining an Authority to Operate (ATO) from TMR?

No, you must receive the ATO prior to submitting an application via the NHVR Portal.

The requirement for an Authority to Operate (ATO) remains for Special Purpose Vehicles, however, the Department of Transport and Main Roads (TMR) will not be issuing excess mass operators with an Authority to Operate Certificate. Operators can access information relating to their vehicles from the NHVR Portal.

What should I do if I need assistance applying for a permit under this scheme?

For assistance in applying for a permit under this scheme via the NHVR Portal, please refer to the QLD Class 1 Crane Permit Scheme Industry Training Video:

<https://www.youtube.com/watch?v=0KJF2h31WS4&feature=youtu.be>

If you require further assistance, please contact our Hypercare specialists on 1300 696 487

How do I view the ATO lockdown vehicle details?

Please review the NHVR Registration Module - Queensland Authority to Operate (ATO) – Information Sheet for more information.

What is a single route and single trip?

Please review the Single Route and Area Information Sheet and Single Trip, Period Permit and Multiple Trip– Information Sheet for further information.

Help and Support

Resources and assistance to help complete an application correctly can be found here:
Website - <https://www.nhvr.gov.au/road-access/access-management/applications>
Help Centre - <https://help.nhvr.gov.au/cmp4/help-centre-customer/access>
YouTube - <https://www.youtube.com/channel/UCzubN7uBeKR52iMW0V1izzQ>
NHVR Contact Centre - 1300 696 487

This information sheet should coincide with the ‘[Top tips for operators to reduce application processing times](#)’ that can be located on our website [here](#).

For more information:

Visit: www.nhvr.gov.au
Subscribe: www.nhvr.gov.au/subscribe
Email: info@nhvr.gov.au
Phone: 1300 MYNHVR* (1300 696 487)

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