



## HEAVY VEHICLE NATIONAL LAW

### Queensland Class 3 Tandem Drive Axle (Cane Haulout Truck) Flotation Tyres Mass Exemption Notice 2022 (No. 1)

#### 1. Purpose

The purpose of this notice is to exempt cane haulout trucks fitted with flotation tyres in Queensland from certain mass requirements.

*Note: This Notice replaces the Queensland Class 3 Tandem Drive Axle (Cane Haulout Truck) Flotation Tyres Mass Exemption Notice 2017 (No.1) upon its expiry. This Notice contains the same access and 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 requirement.*

#### 3. Title

This exemption Notice may be cited as the *Queensland Class 3 Tandem Drive Axle (Cane Haulout Truck) Flotation Tyres Mass Exemption Notice 2022 (No.1)*.

#### 4. Commencement date

This Notice commences on 1 July 2022.

#### 5. Expiry date

This Notice expires on 30 June 2027.

#### 6. Definitions

- 1) Unless otherwise stated, words and expressions used in this Notice have the same meanings as those in the HVNL and its regulations.

2) In this Notice:

**Cane haulout truck** means a heavy vehicle that is constructed and used for hauling sugar cane from the field to a mill or transportation point.

**Flotation Tyre** means Alliance MPT382 flotation tyres, size 600/50R22.5.

## 7. Application

1) This notice applies to cane haulout trucks fitted with flotation tyres as defined in Clause 3 above, and are:

- a) Transporting sugar cane from the field to a transport facility or mill nominated by the operator or farmer, including unladen return trips, of a radius of not more than 40km; or
- b) Returning to a home base, commencing new operations, travelling for maintenance or repairs, or travelling for inspections or registration, provided that the vehicle is unladen.

2) This Notice applies in Queensland.

3) A vehicle to which this section applies is an eligible vehicle.

## 8. Exemption – Prescribed mass requirements

1) An eligible vehicle is exempt from the following mass requirements under Schedule 1 of the *Heavy Vehicle (Mass Dimension and Loading) National Regulation* (MDL Regulation):

- a) section 4 – Mass limits for a single axle or axle group

2) An exemption in 1) only applies to the extent that specific conditional mass limits are provided in sections 9 of this Notice.

## 9. Conditions – Mass (tandem axle drive group)

- 1) The mass on the tandem axle drive group of an eligible vehicle must not exceed 16.5t.
- 2) While operating under this Notice, a cane haulout truck must comply with mass and speed limit ratings for flotation tyres set out in in appendix 1 of this Notice.

## 10. Conditions – Areas and routes

For the purposes of section 119(1)(a) of the HVNL, this Notice applies to all roads in Queensland.

### **11. Condition – Tandem axle drive group**

An eligible vehicle must have a drive axle group consisting of a tandem axle fitted with flotation tyres.

### **12. Condition – Record keeping**

- 1) The operator of an eligible vehicle must maintain written records that show how the following risks are managed for each journey:
  - a) Tyre inflation pressure; and
  - b) Axle mass loading when the vehicle will operate on road.

### **13. Condition – Vehicle Modification**

- 1) A cane haulout vehicle fitted with flotation tyres must comply with Modification Code D3 (Fitting of non-standard rear wheel components) of the National Code of Practice Heavy Vehicle Modifications (VSB6), except when either of the following circumstances applies:
  - a) Fitment of flotation tyres is an original vehicle manufacturer's approved option and manufacturer's requirements for fitting flotation tyres are complied with; or
  - b) The cane haulout truck was fitted with flotation tyres and operating under the *Queensland Class 3 Tandem Drive Axle (Cane Haulout Truck) Flotation Tyres Mass Exemption Notice 2017* prior to 1 July 2022 and documented evidence is available showing that when fitted with flotation tyres the cane haulout vehicle speedometer calibration, speed limiting and braking performance complies with vehicle standards requirements.

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

**Appendix 1: Mass and speed limit ratings for flotation tyres**

Size	Rim	Unloaded Dimension		Loaded Static Radius (mm)	Rolling Circumference (mm)	Load Index PR Symbols	Inflation Pressure (bar)	Recommended Load Speed Mixed Application (kph)													
		SW (mm)	OD (mm)					Static	10	20	25	30	40	50	60	65	70	80	90	100	
600/50R22.5	20.00DC	600	1170	535	3587	164J	1.0	4150	2990	2790	2240	2080	1910	1860	-	-	-	-	-	-	
							1.5	5280	3800	3550	2850	2640	2430	2360	-	-	-	-	-	-	-
							2.0	6250	4500	4210	3380	3130	2880	2800	-	-	-	-	-	-	-
							2.5	7130	5130	4800	3850	3560	3280	3190	-	-	-	-	-	-	-
							3.0	7930	5710	5330	4280	3960	3650	3550	-	-	-	-	-	-	-
							3.5	8680	6250	5840	4680	4340	3990	3890	3820	3760	3710	3610	-	-	-
							4.0	9380	6750	6320	5060	4690	4310	4200	4130	4070	4010	3900	-	-	-
							4.5	10050	7240	6770	5430	5030	4620	4500	4420	4360	4300	4180	-	-	-
							5.0	10700	7700	7210	5780	5350	4920	4790	4710	4640	4580	4450	-	-	-
							5.5	11330	8150	7620	6120	5660	5210	5070	4980	4920	4850	4710	4620	4530	4770
6.0	11930	8590	8040	6440	5960	5490	5340	5250	5180	5100	4960	4870	4770	5000							
6.5	12500	9000	8420	6750	6250	5750	5600	5500	5430	5350	5200	5100	5000	5000	5000						