

VEHICLE STANDARDS INFORMATION SHEET

IMPORTANT INFORMATION

- This document is to be used as a guide to assist applicants in determining if their vehicles comply with the guideline and regulation requirements.
- This document does not provide comprehensive information regarding regulation requirements for example, specific details regarding the placement of lights etc. For further information, applicants should refer to the *Transport Operation (Road Use Management – Vehicle Standards and Safety) Regulation 1999*.

STANDARDS	REQUIREMENTS	EXEMPTIONS
Steering (Schedule 1 Part 4 Item 16)	<ul style="list-style-type: none"> ➤ A component of a steering system of a motor vehicle that is essential for effective steering of the vehicle must be built to transmit energy by mechanical means only. ➤ Failure of a non-mechanical component of the steering system must not prevent effective steering of the vehicle. ➤ These requirements do not apply to a motor vehicle if the vehicle is built or used mainly for a purpose other than the transport of goods or people by road. 	<ul style="list-style-type: none"> ➤ Skid steer vehicles - only exempt if issued and complying with condition code LO1, LO3, LO5, LO6(A), LO6(B) or LO7.
Drivers view and controls (Schedule 1 Part 4 Item 20)	<ul style="list-style-type: none"> ➤ A motor vehicle must be built to allow the driver a view of the road and of traffic to the front and sides of the vehicle so the driver can drive the vehicle safely; and ➤ With its controls located so the driver can drive the vehicle safely 	<ul style="list-style-type: none"> ➤ A vehicle is only exempt if issued and operating in compliance with general operation condition code GO3.

Pneumatic tyres (Schedule 1 Part 4 Item 36)	<ul style="list-style-type: none"> ➤ A vehicle built after 1932 must be fitted with pneumatic tyres. 	<ul style="list-style-type: none"> ➤ A vehicle fitted with solid rubber tyres or steel wheels is only exempt if issued and complying with condition code LO1, LO5, LO6(A), LO6(B), GO9 or LO7. ➤ A vehicle is only exempt if the operation complies with the manufacturers rating for the tyre. ➤ A vehicle fitted with rubber tracks is only exempt if issued and complying with condition code OM2 or the calculated ground pressure is less than 60 kPa and the vehicle is articulated or is fitted with differential steering. ➤ A vehicle fitted with steel tracks is only exempt if issued and complying with location code LO5 or LO6(A).
Headlights (Schedule 1 Part 7 Item 59)	<ul style="list-style-type: none"> ➤ A motor vehicle must be fitted with- <ul style="list-style-type: none"> (a) if it is a moped, motorbike, or motortrike with 1 front wheel - 1 low-beam headlight; or (b) if it has 4 or more wheels or is a motortrike, other than a moped, with 2 front wheels - a pair of low-beam headlights. ➤ If a motor vehicle built after 1934 can travel at over 60km/h- <ul style="list-style-type: none"> (a) each low-beam headlight mentioned above must be able to work in the high-beam position; or (b) the vehicle must be fitted with- <ul style="list-style-type: none"> (i) 1 headlight that can work in the high-beam position if the vehicle is required to have 1 low-beam headlight; or (ii) a pair of headlights that can work in the high-beam position. 	<ul style="list-style-type: none"> ➤ A vehicle is only exempt if issued and complying with a location limitation code (LO) or (OS) and the vehicle is not permitted to operate between sunset and sunrise (TD). ➤ A vehicle operating under a condition code LO5 is permitted to operate between sunset and sunrise if operating in a flood lit work site. ➤ A vehicle is only exempt from these requirements if the lights are fitted as close as is practicable to the position required by this section.
Tail Lights (Schedule 1 Part 7 Item 60)	<ul style="list-style-type: none"> ➤ A vehicle must have at least 1 tail light fitted on or towards the rear of the vehicle. ➤ A motortrike with 2 rear wheels, or a motor vehicle with 4 or more 	<ul style="list-style-type: none"> ➤ A vehicle is only exempt if issued and complying with a location limitation code (LO) or (OS) and the vehicle is not permitted to operate between sunset and sunrise (TD).

68)	wheels, built after 1959 must have at least 1 tail light fitted on or towards each side of the rear of the vehicle.	<ul style="list-style-type: none"> ➤ A vehicle operating under a condition code LO5 is permitted to operate between sunset and sunrise if operating in a flood lit work site. ➤ A vehicle is only exempt from these requirements if the lights are fitted as close as is practicable to the position required by this section.
Number Plate Lights (Schedule 1 Part 7 Item 73)	<ul style="list-style-type: none"> ➤ At least 1 number plate light must be fitted to the rear of a vehicle. 	<ul style="list-style-type: none"> ➤ A vehicle is only exempt if issued and complying with a location limitation code (LO) or (OS) and the vehicle is not permitted to operate between sunset and sunrise (TD). ➤ A vehicle operating under a condition code LO5 is permitted to operate between sunset and sunrise if operating in a flood lit work site. ➤ A vehicle is only exempt from these requirements if the lights are fitted as close as is practicable to the position required by this section.
Park Lights (Schedule 1 Part 7 Item 66)	<ul style="list-style-type: none"> ➤ A motor vehicle built after June 1953 must be fitted with – <ul style="list-style-type: none"> (a) if it is a motortrike with 2 front wheels, other than a moped, or a motor vehicle with 4 or more wheels – a pair of parking lights; or (b) if it is a motorbike with an attached sidecar, or a motortrike with 1 front wheel, other than a moped – at least 1 parking light. 	<ul style="list-style-type: none"> ➤ A vehicle is only exempt if issued and complying with a location limitation code (LO) or (OS) and the vehicle is not permitted to operate between sunset and sunrise (TD). ➤ A vehicle operating under a condition code LO5 is permitted to operate between sunset and sunrise if operating in a flood lit work site. ➤ A vehicle is only exempt from these requirements if the lights are fitted as close as is practicable to the position required by this section.
Front clearance lights (Schedule 1 Part 7 Item 74)	<ul style="list-style-type: none"> ➤ Front clearance lights may only be fitted to a vehicle that is at least 1.8m wide. ➤ A pair of front clearance lights must be fitted to a motor vehicle that is at least 2.2m wide. 	<ul style="list-style-type: none"> ➤ A vehicle is only exempt if issued and complying with a location limitation code (LO) or (OS) and the vehicle is not permitted to operate between sunset and sunrise (TD). ➤ A vehicle operating under a condition code LO5 is permitted to operate between sunset and sunrise if operating in a flood lit work site. ➤ A vehicle is only exempt from these requirements if the lights are fitted as close as is practicable to the position required by this section.
Rear clearance lights (Schedule 1 Part 7 Item 75)	<ul style="list-style-type: none"> ➤ Rear clearance lights may only be fitted to a vehicle that is at least 1.8m wide. ➤ A pair of rear clearance lights must be fitted to a motor vehicle that is at least 2.2m wide. 	<ul style="list-style-type: none"> ➤ A vehicle is only exempt if issued and complying with a location limitation code (LO) or (OS) and the vehicle is not permitted to operate between sunset and sunrise (TD). ➤ A vehicle operating under a condition code LO5 is permitted to operate between sunset and sunrise if operating in a flood lit work site.













76)		<p>operate between sunset and sunrise if operating in a flood lit work site.</p> <ul style="list-style-type: none"> ➤ A vehicle is only exempt from these requirements if the lights are fitted as close as is practicable to the position required by this section.
Side marker lights (Schedule 1 Part 7 Item 77)	<ul style="list-style-type: none"> ➤ A pair of side marker lights must be fitted towards the rear of the sides of a motor vehicle that is not over 7.5m long and at least 2.2m wide. 	<ul style="list-style-type: none"> ➤ A vehicle is only exempt if issued and complying with a location limitation code (LO) or (OS) and the vehicle is not permitted to operate between sunset and sunrise (TD). ➤ A vehicle operating under a condition code LO5 is permitted to operate between sunset and sunrise if operating in a flood lit work site. ➤ A vehicle is only exempt from these requirements if the lights are fitted as close as is practicable to the position required by this section.
Front, side and rear reflectors (Schedule 1 Part 7 Item 93, 95, 98)	<ul style="list-style-type: none"> ➤ Front reflectors – a motor vehicle – <ul style="list-style-type: none"> (a) with 4 or more wheels may have 1 or more front-facing white or yellow reflectors fitted towards each side of its front. (b) With less than 4 wheels may have 1 or more front-facing white or yellow reflectors. ➤ Rear reflector - a motor vehicle with 4 or more wheels must have a rear-facing red reflector towards each side of its rear. ➤ Side reflectors – a vehicle may be fitted with side-facing reflectors. 	<ul style="list-style-type: none"> ➤ A vehicle is only exempt if issued and complying with a location limitation code (LO) or (OS) and the vehicle is not permitted to operate between sunset and sunrise (TD). ➤ A vehicle operating under a condition code LO5 is permitted to operate between sunset and sunrise if operating in a flood lit work site. ➤ A vehicle is only exempt from these requirements if the lights are fitted as close as is practicable to the position required by this section.
Brake lights (Schedule 1 Part 7 Item 81)	<ul style="list-style-type: none"> ➤ A brake light must be fitted to the rear of a vehicle, other than a sugar trailer, built after 1934. ➤ A pair of brake lights must be fitted to the rear of – <ul style="list-style-type: none"> (a) a motor vehicle built after 1959 that has 4 or more wheels; and (b) a motortrike built after 1959 that has 2 rear wheels. 	<ul style="list-style-type: none"> ➤ A vehicle is only exempt if issued and complying with location limitation condition code LO1 or LO5 or vehicle speed does not exceed 20 km/hr. ➤ A vehicle is only exempt from these requirements if the lights are fitted as close as is practicable to the position required by this section.
Direction indicator lights (Schedule 1 Part 7 Item 82)	<ul style="list-style-type: none"> ➤ A motor vehicle with 4 or more wheels that was built after August 1966 must have – <ul style="list-style-type: none"> (a) a pair of direction indicator lights fitted on, or towards, its front that face forwards; and (b) a pair of direction indicator lights fitted on, or towards, its rear that 	<ul style="list-style-type: none"> ➤ A vehicle is only exempt if issued and complying with location limitation condition code LO1 or LO5. ➤ A vehicle is only exempt from these requirements if the lights are fitted as close as is practicable to the positions required by this section.

85)	<p>face backwards.</p> <ul style="list-style-type: none"> ➤ A motor vehicle with less than 4 wheels that was built after June 1975 must have – <ul style="list-style-type: none"> (a) a pair of direction indicator lights fitted on, or towards, its front that face forwards; and (c) a pair of direction indicator lights fitted on, or towards, its rear that face backwards. ➤ A motor vehicle that is not required to have direction indicator lights may have – <ul style="list-style-type: none"> (a) 1 or more pairs of direction indicator lights that are visible from both the front and rear of the vehicle; or (b) both <ul style="list-style-type: none"> (i) a pair of direction indicator lights fitted on, or towards, its front that face forwards; and (ii) a pair of direction indicator lights fitted on, or towards, its rear that face backwards. 	
Horn (Schedule 1 Part 4 Item 23)	<ul style="list-style-type: none"> ➤ A motor vehicle must be fitted with at least 1 horn or other device that can give audible warning to other road users of the approach or position of the vehicle. 	<ul style="list-style-type: none"> ➤ NIL
Rear vision mirrors (Schedule 1 Part 4 Item 24)	<ul style="list-style-type: none"> ➤ At least 1 rear vision mirror must be fitted to- <ul style="list-style-type: none"> (a) a car; and (b) a motorbike with 2 front wheels; and (c) a motorbike, or motortrike with 1 front wheel, built before July 1975. ➤ At least 1 rear vision mirror must be fitted to each side of- <ul style="list-style-type: none"> (a) a motor vehicle with a GVM over 3.5t; and (b) a motorbike, or motortrike with 1 front wheel, built after June 1975. 	<ul style="list-style-type: none"> ➤ NIL

	<ul style="list-style-type: none"> ➤ A motor vehicle with a GVM not over 3.5t, other than a motor vehicle mentioned above, must be fitted with- <ul style="list-style-type: none"> (a) at least 1 rear vision mirror on the right side of the vehicle; and (b) at least 1 rear vision mirror on the left side of the vehicle or inside the vehicle. ➤ A rear vision mirror fitted to a motor vehicle with a GVM over 3.5t must not project over 150mm beyond the widest part, excluding lights, signalling devices and reflectors, of the vehicle or combination. ➤ However, the rear vision mirror may project not over 230mm beyond the widest part of the vehicle or combination if it can fold to project not over 150mm beyond the widest part. 	
Mudguards (Schedule 1 Part 4 Item 22)	<ul style="list-style-type: none"> ➤ A vehicle must have firmly fitted a mudguard for each wheel or for adjacent wheels. 	<ul style="list-style-type: none"> ➤ This requirement does not apply to a vehicle if- <ul style="list-style-type: none"> (a) the construction or use of the vehicle makes fitting of the mudguards unnecessary or impracticable; or (b) the body or part of the body of the vehicle acts as a mudguard.

HOW DO I KNOW IF MY VEHICLE IS EXCESS MASS?

If the vehicle exceeds any of the limits shown below, then the vehicle will need to operate under a permit or guideline. Please refer to the *Transport Operations (Rods Use Management – Vehicle Standards and Safety Regulation) 1995*, for further information on allowable Gross Vehicle Mass (GVM) and Gross Combination Mass (GCM).

TABLE 4		Mass Limits for Single Axles and Axle Groups
Axles and Tyres	Maximum Axle or Axle Group Load (tonnes)	
 Steer	6.0	
 Single 2 tyres	6.0 Tyre width less than 375 mm 6.7 Tyre width from 375 mm minimum to less than 450mm 7.0 Tyre width 450 mm or greater	
 Single 4 tyres	9.0 8.5 When fitted to pig trailer 10.0 When fitted to a bus licensed to carry standing passengers	
 Twin Steer	10.0 Fitted with non load sharing suspension 11.0 Fitted with load sharing suspension	
 Tandem 4 tyres	11.0 Tyre width less than 375 mm 13.3 Tyre width from 375 mm minimum to less than 450 mm 14.0 Tyre width 450 mm or greater	
 Tandem 6 tyres	13.0	
 Tandem 8 tyres	16.5 15.0 When fitted to a pig trailer	
 Triaxle 6 tyres	20.0 Tyre width 375 mm or greater 15.0 Tyre width less than 375 mm 18.0 When fitted to a pig trailer with tyre width 375 mm or greater	
 Triaxle 12 tyres	20.0 18.0 When fitted to a pig trailer	
 Combination of 2 and 4 tyres per axle	20.0 15.0 Tyre width on single tyres less than 375 mm. 18.0 When fitted to a pig trailer with tyre width 375 mm or greater	
 Quad 8 tyres	20.0 Tyre width 375 mm or greater 15.0 Tyre width less than 375 mm	
 Quad 16 tyres	20.0	

HOW DO I KNOW IF MY VEHICLE IS EXCESS DIMENSION?

If the vehicle exceeds any of the limits below then the vehicle may need to operate under a guideline or permit.

Mobile Machinery (Fitted with Single Axles and Axle Groups)

- **Width**
 - no greater than 2.5 m.
- **Height**
 - no greater than 4.3 m.
- **Length "L"**
 - no greater than 12.5 m.
- **Distance from Rear Overhang Line "R"**
 - no greater than 3.7 m, and
- no greater than 60% of "W".
- axle group calculations:
 $(R = X + H^*)$
 $(W = V - H^*)$
**Refer "Determination of Rear Overhang Line".*
- **Axle Group Spacing "S"**
 - tandem (dual) axles between 1 m and 2 m,
 - triaxles between 2 m and 3.2 m, and
 - quad axles between 3.2 m and 4.9 m.
- **Projection in Front of Headlamp "PH"**
 - not to project more than 1.2 m in front of headlamps of the motor vehicle.

