

<b>Title</b>	<b>Conduct a pre-start vehicle and paint applicator inspection and end of shift checks for roadmarking</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	People credited with this unit standard are able to, for roadmarking, conduct: a pre-start vehicle inspection; a pre-start paint applicator inspection; and end of shift checks.
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<b>Classification</b>	Infrastructure Works > Roadmarking
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<b>Available grade</b>	Achieved
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### Guidance Information

- Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with relevant industry requirements.
- Legislation relevant to this unit standard include: Health and Safety at Work Act 2015; and any subsequent amendments.
- Definitions  
*Industry requirements* may refer to but are not limited to relevant policies, processes, methodologies, industry codes of practice, site specific health and safety plans, standard operating procedures, site safety plans, quality plans, work plans, traffic management plans, contract work programmes, job safety analysis, safe work method statements, job instructions, manufacturer's requirements, contract specifications, manuals, procedural documents, Waka Kotahi New Zealand Transport Agency specifications and guidelines.  
*Pre-start checks* refer to operator responsibilities to be carried out prior to vehicle or plant use to optimise the life of the vehicle or plant and to minimise running and repair costs. Operators have a duty of care to ensure the vehicle or plant is in a safe condition, is serviced, in legal condition for operator safety, to operate on the road, and to preserve the operator rating system (ORS).

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### Outcomes and performance criteria

#### Outcome 1

Conduct a pre-start vehicle inspection for roadmarking.

**Performance criteria**

1.1 Pre-start checks on the vehicle before driving are completed in accordance with operator safety manual.

Range loose parts, tyre wear and inflation, warrant of fitness (WoF) or certificate of fitness (CoF), registration, service due, oil, power steering, coolant level, condition of hoses and belts, pipes and wiring, oil or coolant leaks, air intake system, front suspension, cleanliness, park brake on, gear lever in neutral, mirrors adjusted, seat in correct position, gauges working, speedo, hubometer or electronic distance recorder, hour meter readings, wipers working, horn working, air pressure gauge working, seat belts to standard if fitted, warning lights, steering, brake operation, engine noise, transmission noise, rear vision mirrors, fuel, road user charges.

1.2 Vehicle walk around checks are completed.

Range all lights and indicators, suspension, wheel rims, wheel nuts, tyres, air and fuel tanks, batteries, fuel level, trailer couplings, load and equipment security.

1.3 Daily checks are completed and recorded.

Range speedo, hubometer or electronic distance recorder, hour meter readings, fuel, check for damage.

**Outcome 2**

Conduct a pre-start paint applicator inspection for roadmarking.

**Performance criteria**

2.1 Pre-start checks are completed in accordance with operator safety manual.

Range paint and bead tanks full, enough material to complete the task, water drained from air receivers, gland oil reservoirs on paint pumps topped up, paint line taps working, spray tip size and condition of paint guns, paint filters and lines for leak or damage, applicator gauges working, paint pumps working, check under the vehicle for leaks.

2.2 Damage is recorded and reported in accordance with industry requirements.

2.3 Sufficient paint protection cones are provided in terms of protecting the work on the roadmarking site.

**Outcome 3**

Conduct end of shift checks.

**Performance criteria**

3.1 End of shift checks are completed.

Range checks may include but are not limited to – vehicle parked in secure area, refuel, drain air tanks, plant servicing during operation, lock the vehicle, lock fuel caps; evidence of at least three checks.

Planned review date	31 December 2025
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	26 November 2020	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0101
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**Comments on this unit standard**

Please contact Connexis - Infrastructure Industry Training Organisation [qualifications@connexis.org.nz](mailto:qualifications@connexis.org.nz) if you wish to suggest changes to the content of this unit standard.