

Title	Inspect infrastructure works plant and equipment		
Level	4	Credits	4

Purpose	People credited with this unit standard are able to inspect infrastructure works plant and equipment.
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Classification	Infrastructure Works > Infrastructure Works Equipment
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Available grade	Achieved
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Guidance Information

- 1 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with relevant legislative and industry requirements.
- 2 Legislation relevant to this unit standard includes – Health and Safety at Work Act 2015, and all subsequent amendments and replacements.
- 3 Definitions
Ground engaging equipment means any part of the plant or equipment designed to break the ground. Examples include buckets, blades, and chain teeth or cutters.
Industry requirements refer 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.

Outcomes and performance criteria

Outcome 1

Inspect infrastructure works plant and equipment.

Performance criteria

- 1.1 Engines and drivetrains are inspected and confirmed as operational.
- 1.2 Tracks, rollers, and/or wheels are inspected for damage and wear and tear.

- 1.3 Any ground engaging equipment is inspected for damage and wear and tear.
- Range ground engaging equipment includes – quick hitches, locking pins, and lifting eyes where relevant.
- 1.4 Safety equipment and warning devices are inspected and confirmed.
- Range may include but is not limited to – guards, roll over protection, fall on protection, antiburst valves, seatbelts, cages/grills/screens, handrails, isolation switches, lift charts; evidence of three inspections is required.
- 1.5 Fluids are checked and confirmed as appropriate for use.
- Range checks include – colour, viscosity, levels, any leaks, within servicing period.
- 1.6 If present, steering and brakes are inspected and confirmed as operational.
- 1.7 Operating controls, and any instruments and gauges are inspected and confirmed as operational.
- 1.8 Any attachments are inspected for correct attachment, and damage and wear and tear.
- 1.9 Any required action to ensure plant and equipment is fit for use is taken.

Planned review date	31 December 2026
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	30 July 1996	31 December 2021
Revision	2	9 March 1999	31 December 2021
Review	3	30 May 2000	31 December 2021
Review	4	25 September 2006	31 December 2021
Review	5	29 November 2018	31 December 2023
Review	8	30 September 2021	N/A

Consent and Moderation Requirements (CMR) reference	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 if you wish to suggest changes to the content of this unit standard.