

Title	Manage maintenance tasks for civil plant and equipment		
Level	4	Credits	8

Purpose	People credited with this unit standard are able to: determine maintenance requirements and supervise maintenance tasks for civil construction plant and equipment.
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Classification	Infrastructure Works > Infrastructure Works Management
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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 the Health and Safety at Work Act 2015, available from www.legislation.govt.nz.
- 3 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.
Manufacturer's instructions may include specifications, installation, handling, use and maintenance instructions and safety data sheets.

Outcomes and performance criteria

Outcome 1

Determine maintenance requirements for civil construction plant and equipment.

Performance criteria

- 1.1 Plant and equipment are inspected for drawing up maintenance programmes in accordance with industry requirements.
- 1.2 Servicing records and plant wear and tear reports are checked for servicing intervals and maintenance requirements in accordance with industry requirements.

- 1.3 Maintenance plans are drawn up and costed out in accordance with industry requirements.

Outcome 2

Supervise maintenance tasks for civil construction plant and equipment.

Performance criteria

- 2.1 Supervision ensures that protective equipment on plant and machinery is fitted in accordance with manufacturer's instructions.

- 2.2 Supervision ensures that routine servicing of plant and equipment is carried out in accordance with manufacturer's instructions.

Range may include but is not limited to – greasing, fuelling, lubricating, maintaining water levels, air filter.

- 2.3 Supervision ensures that minor fixtures and parts are re-attached or replaced in accordance with manufacturer's instructions.

Range may include but is not limited to – mirrors, mudflaps, wheel nuts, toggles, fuses, lenses, bulbs.

- 2.4 Liaison with specialist service people is established in accordance with industry requirements for instructions, supply, timing, location, and records.

Range may include but is not limited to – hydraulic hoses, tyres, tracks, engine, transmission, brakes, clutch, electrical system, cooling systems.

Planned review date	31 December 2029
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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 2020
Revision	2	9 March 1999	31 December 2020
Review	3	30 May 2000	31 December 2020
Review	4	25 September 2006	31 December 2020
Review	5	24 January 2019	31 December 2020
Review	6	27 June 2019	31 December 2026
Review	7	12 December 2024	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 Waihangā Ara Rau Construction and Infrastructure Workforce Development Council at qualifications@WaihangāAraRau.nz if you wish to suggest changes to the content of this unit standard.