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| Title | Operate small plant for infrastructure works | | |
| Level | 3 | Credits | 10 |

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| Purpose | People credited with this unit standard are able to: demonstrate knowledge of small plant and its operation; prepare to operate small plant; and carry out post-operational procedures on small plant for infrastructure works. |
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| Classification | Infrastructure Works > Civil Plant Operation |
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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
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.
Small plant is defined as machinery that has a combustion engine and is operated manually (i.e. does not have a seat for a driver). It specifically excludes power tools.
- 4 Range
Two small plant.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of small plant and its operation for infrastructure works.

Performance criteria

- 1.1 Small plant is described in terms of purpose, function, and correct use.

- 1.2 Capabilities and limitations of the small plant are explained in terms of the technological features and relevant job instructions.
- 1.3 Safety features of small plant are identified and described in terms of their function.

Outcome 2

Prepare to operate small plant for infrastructure works.

Performance criteria

- 2.1 Prestart checks are completed, problems are identified, and corrective action is taken.
- 2.2 A risk assessment of the site is completed, and exclusion zones and any services are clarified and confirmed.
- 2.3 Job instructions are confirmed against operating conditions and any adjustments to plant operation or attachments are actioned.
- 2.4 Personal protective equipment specific to the plant and job instructions is selected.

Outcome 3

Carry out post-operational procedures on small plant for infrastructure works.

Performance criteria

- 3.1 Procedures for refuelling, storage, maintaining any attachments and repairing damage or faults are confirmed and documented.
- 3.2 Shut down procedures and checks are confirmed.

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| Replacement information | This unit standard replaced unit standard 6470, unit standard 19675, unit standard 26717, unit standard 26718, unit standard 27500, unit standard and 29028. |
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| 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 | 27 September 2018 | 31 December 2023 |
| Review | 2 | 30 September 2021 | N/A |

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| 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.