

Title	Demonstrate knowledge of equipment and plant used on an infrastructure worksite		
Level	2	Credits	5

Purpose	People credited with this unit standard are able to demonstrate knowledge of equipment and plant used on an infrastructure worksite.
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Classification	Infrastructure Works > Generic Infrastructure Works
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Available grade	Achieved
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Guidance Information

- 1 Learning and assessment for this unit standard must be in accordance with the following:
 - Health and Safety at Work Act 2015;
 - Resource Management Act 1991;
 - and all subsequent amendments and replacements.

- 2 Definitions

Equipment refers to scaffolding, wheelbarrows, ladders, safety barricade, power tools, leads, safety equipment, adjustable props, survey and set-out equipment.

Infrastructure worksite refers to a site with activity relating to the construction, testing, and maintenance of infrastructure assets such as roads, passenger transport facilities, and public utilities.

Manufacturer's instructions may include specifications, safety data sheets, and instructions for installation, handling, use, and maintenance.

Organisational procedures – instructions to staff and procedures which are documented in memo or manual format and are available in the workplace. These procedures include but are not limited to – site-specific procedures, manufacturers' specifications, codes of practice, traffic management plans, health and safety plans, contract work programmes, product quality specifications and reference to legislative or regulatory procedures relevant to the industry.

Plant refers to bulldozer, ADT, excavator, paver, broom truck, roadmarker, grader.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of equipment used on an infrastructure worksite.

Range a minimum of two items of equipment.

Performance criteria

- 1.1 Equipment used on infrastructure worksites is described in terms of function and use in accordance with manufacturer's instructions.
- 1.2 Equipment is used without risk of harm to people or property, in accordance with the manufacturer's instructions, and avoiding damage or undue wear.
- 1.3 Equipment post-operational procedures are completed in accordance with organisational procedures.

Outcome 2

Demonstrate knowledge of plant used on an infrastructure worksite.

Range a minimum of two items of plant.

Performance criteria

- 2.1 Plant used on an infrastructure worksite is described in terms of function and use.
- 2.2 Safe plant operating procedures are explained in accordance with the operational safety manual.
- 2.3 Plant post-operational checks are explained in accordance with the operator safety manual and organisational procedures.

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	30 July 1996	31 December 2022
Revision	2	9 March 1999	31 December 2022
Review	3	30 May 2000	31 December 2022
Review	4	25 September 2006	31 December 2022
Review	5	18 February 2011	31 December 2022
Review	6	25 June 2020	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.