

<b>Title</b>	<b>Carry out manual excavation on an infrastructure worksite</b>		
<b>Level</b>	<b>2</b>	<b>Credits</b>	<b>2</b>

<b>Purpose</b>	People credited with this unit standard are able to prepare for and carry out manual excavation on an infrastructure worksite.
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<b>Classification</b>	Infrastructure Works > Generic Infrastructure Works
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<b>Available grade</b>	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
 

*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.

*Job instructions* are those given to the operator prior to undertaking a job. They may include site safety instructions, contract drawings, and written memos.

*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.

*Stand over* refers to work on gas, telecommunications and power services that should be carried out under supervision of the relevant service provider.

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### Outcomes and performance criteria

#### Outcome 1

Prepare for manual excavation on an infrastructure worksite.

**Performance criteria**

- 1.1 Job instructions for the manual excavation are confirmed with a supervisor in accordance with organisational procedures.
- Range location, type of work, extent of work, timing of work, equipment, materials, services identification, stand over permit, safety.
- 1.2 Hand tools and equipment are selected for the specified task and checked for serviceability.

**Outcome 2**

Carry out manual excavation on an infrastructure worksite.

Range evidence of two manual excavations is required.

**Performance criteria**

- 2.1 Excavation is carried out in accordance with job instructions.
- 2.2 Excavation is cleared of loose material in accordance with organisational procedures.
- 2.3 Excavation tools and equipment are cleaned, maintained, and correctly stored in accordance with organisational procedures.

<b>Planned review date</b>	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

<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.