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| Title | Operate an excavator for rock placement | | |
| Level | 3 | Credits | 5 |

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| Purpose | People credited with this unit standard are able to: prepare excavator for rock placement; and operate an excavator for rock placement. |
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| Classification | Infrastructure Works > Civil Plant Operation |
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| Available grade | Achieved |
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| Prerequisites | Class of driver licence and any driver licence endorsement appropriate for the vehicle being driven. |
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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 Definition
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

Prepare excavator for rock placement.

Performance criteria

- 1.1 Job instructions are confirmed.
- 1.2 Pre-start checks and 360 walkaround are completed prior to starting work.

1.3 Machine operation is checked prior to starting work.

Range checks include – visibility, seat belt, engine controls and gauges, throttle position, hydraulic controls, check controls and gauges after warm-up.

1.4 Attachments are fitted to excavator.

Range may include – rock bucket, standard bucket, wide bucket; evidence of one attachment is required.

Outcome 2

Operate an excavator for rock placement.

Range rock placement includes – gabions, sea wall, river protection works, aprons, energy dissipation, retaining walls, swales, truck loading.

Performance criteria

2.1 Site and foundation for rock placement are excavated in accordance with contract specifications.

2.2 Rocks are sorted to size and placed in accordance with contract specifications.

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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 | 25 September 2006 | 31 December 2014 |
| Review | 2 | 19 February 2015 | 31 December 2023 |
| Review | 3 | 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.