

<b>Title</b>	<b>Make and spread stockpiles for an extractive site</b>		
<b>Level</b>	<b>2</b>	<b>Credits</b>	<b>3</b>

<b>Purpose</b>	People credited with this unit standard are able to: prepare the extractive site for stockpiling; build the stockpile on an extractive site; record loads and weights for an extractive site; and maintain a safe working environment on an extractive site.
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<b>Classification</b>	Extractive Industries > Surface Extraction
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Performance of the outcomes of this unit standard must comply with the following:
  - Health and Safety at Work Act 2015 (HSW);
  - Health and Safety at Work (General Risk and Workplace Management) Regulations 2016;
  - Health and Safety at Work (Mining Operations and Quarrying Operations) Regulations 2016;
  - Health and Safety at Work (Worker Engagement, Participation, and Representation) Regulations 2016;
  - approved codes of practice issued pursuant to the HSW Act;
  - WorkSafe NZ's Good Practice Guidelines for the extractives industries, available from <https://worksafe.govt.nz/>.
- 2 Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.
- 3 Definitions
  - Company policy* and *company procedures* mean the documented methods for performing work activities and include health and safety, operational, environmental, and quality management requirements. They may refer to manuals, codes of practice, or policy statements.
  - Industry best practice* refers to those practices which competent practitioners within the industry recognise as current industry best practice. These may be documented in management plans, company procedures or requirements, managers' rules, occupational health and safety policy, industry guidelines, codes of practice, manufacturers' instructions, and safe working and/or job procedures (or equivalent).
- 4 This unit standard is intended for, but is not limited to, workplace assessment.

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## Outcomes and performance criteria

### Outcome 1

Prepare the extractive site for stockpiling.

#### Performance criteria

- 1.1 Site is marked out in accordance with measurements specified by site manager.
- 1.2 Hazards are identified in accordance with site plan and company policy.
- 1.3 Site is firmed and levelled for drainage and stability in accordance with site plan and company policy.
- 1.4 Site entrances and exits are checked to ensure that there is space to manoeuvre, load, and exit in accordance with site plan and company policy.

### Outcome 2

Build the stockpile on an extractive site.

#### Performance criteria

- 2.1 The ramp position and direction of stockpile are determined in terms of the potential final size of the stockpile.
- 2.2 The pile and ramp access are built in accordance with the loading capacity of machinery in accordance with company policy and industry best practice.  
  
Range may include but is not limited to – ramp, stockpile, chip stockpile.
- 2.3 The drive-on surface of the stockpile is stable and adequately bunded in accordance with company policy, industry best practice, and company procedures.
- 2.4 Techniques used for constructing stockpiles are in accordance with company policy and NZ Transport Authority recommendations, where required.

### Outcome 3

Record loads and weights for an extractive site.

#### Performance criteria

- 3.1 Stockpiled materials are recorded in accordance with company procedures and industry best practice.  
  
Range may include but is not limited to – loads, weights, number of buckets, size of buckets.

- 3.2 Vehicles and their load capacities are checked and documented in accordance with company policy and industry best practice.

Range may include but is not limited to – truck decks, loader bucket, tally docket.

#### Outcome 4

Maintain a safe working environment on an extractive site.

#### Performance criteria

- 4.1 Work practices are carried out safely and without incident.

Range may include but is not limited to avoiding – injury to workers, the public, and damage to buildings, other site services, tools, or equipment;  
may include but is not limited to placement of – barriers, signage, guards.

- 4.2 Maintenance checks are completed in accordance with company procedures and industry best practice.

Range pre-start checks, post-start checks, shut-down checks.

<b>Planned review date</b>	31 December 2022
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#### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	26 November 1996	31 December 2019
Revision	2	17 December 1996	31 December 2019
Revision	3	18 December 1998	31 December 2019
Revision	4	17 April 2002	31 December 2019
Review	5	27 January 2005	N/A
Rollover and Revision	6	16 July 2010	N/A
Rollover and Revision	7	25 January 2018	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0114
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

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**Comments on this unit standard**

Please contact MITO New Zealand Incorporated [info@mito.org.nz](mailto:info@mito.org.nz) if you wish to suggest changes to the content of this unit standard.