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| <b>Title</b> | <b>Follow, maintain and recommend modifications for stockpiling and tip head management plans at an extractive site</b> |                |          |
| <b>Level</b> | <b>4</b>  | <b>Credits</b> | <b>6</b> |

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| <b>Purpose</b> | People credited with this unit standard are able to, for an extractive site, follow and recommend modifications for: a stockpiling management plan; and a tip head management plan. |
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| <b>Classification</b> | Extractive Industries > Extractive Industries Management |
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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, including *Health and Safety at Opencast Mines, Alluvial Mines and Quarries Good Practice Guidelines 2015*, available from <https://worksafe.govt.nz/topic-and-industry/extractives/guidance-position-statements/health-and-safety-at-opencast-mines-alluvial-mines-and-quarries/>.
- 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 **Definition**  
*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 legislation, regulations, guidelines, standard operating procedures, manuals, codes of practice, or policy statements.
- 4 This unit standard is intended for, but is not limited to, workplace assessment.

## Outcomes and performance criteria

### Outcome 1

Follow, maintain and recommend modifications for a stockpiling management plan at an extractive site.

#### Performance criteria

1.1 Stockpiling methods and layouts are followed, maintained, and modified in accordance with company's safety and efficiency requirements.

Range may include but is not limited to – stockpile shape and type, spacing between stockpiles, blending requirements, traffic management, consent conditions, dumping and reclaiming methods, spontaneous combustion.

1.2 Modifications are recommended in response to climatic conditions and wind direction in accordance with company procedures.

### Outcome 2

Follow, maintain and recommend modifications for a tip head management plan at an extractive site.

#### Performance criteria

2.1 Tipping methods and tip head layouts are followed, maintained, and modified in accordance with company's safety and efficiency requirements.

Range may include but is not limited to – tip head process and location, stability, drainage, traffic management, consent conditions, dumping and reclaiming methods, spontaneous combustion, rehabilitation.

2.2 Modifications are recommended in response to climatic conditions and wind direction in accordance with company procedures.

**This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.**

#### Status information and last date for assessment for superseded versions

| Process      | Version | Date             | Last Date for Assessment |
|--------------|---------|------------------|--------------------------|
| Registration | 1       | 26 November 2020 | 31 December 2026         |
| Review       | 2       | 30 January 2025  | 31 December 2026         |

#### Consent and Moderation Requirements (CMR) reference

0014

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.