<table>
<thead>
<tr>
<th>Title</th>
<th>Operate and maintain stockpiles and tip heads at extractive sites</th>
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<tbody>
<tr>
<td>Level</td>
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<td>Credits</td>
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**Purpose**

People credited with this unit standard are able to: demonstrate knowledge of hazards and controls associated with stockpiling and tip heads at extractive sites; follow and recommend modifications for a stockpiling management plan at an extractive site; and follow and recommend modifications for a tip head management plan at an extractive site.

**Classification**

Extractive Industries > Extractive Industries Management

**Available grade**

Achieved

**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;

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

Demonstrate knowledge of hazards and controls associated with stockpiling and tip heads at extractive sites.

Performance criteria

1.1 The requirements for risk assessments and safety management systems are explained in accordance with legislation, including the Health and Safety at Work (Mining Operations and Quarrying Operations) Regulations 2016.

Range includes but is not limited to – live stockpiles, static stockpiles, waste dumps, vehicle interactions, traffic management, hard controls, lighting, communications, signage, drainage, stability.

Outcome 2

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

Performance criteria

2.1 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.

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

Outcome 3

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

Performance criteria

3.1 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.

3.2 Modifications are recommended in response to climatic conditions and wind direction in accordance with company procedures.
### Replacement information
This unit standard replaced unit standard 8899.

### Planned review date
31 December 2022

### Status information and last date for assessment for superseded versions

<table>
<thead>
<tr>
<th>Process</th>
<th>Version</th>
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### Consent and Moderation Requirements (CMR) reference
0114

### Comments on this unit standard
Please contact MITO New Zealand Incorporated info@mito.org.nz if you wish to suggest changes to the content of this unit standard.