

Title	Operate and maintain stockpiles and tip heads at an extractive site		
Level	4	Credits	8

Purpose	People credited with this unit standard are able to: explain hazards and controls associated with stockpiling and tip heads at extractive sites; follow, maintain and recommend modifications for a stockpiling management plan at an extractive site; and follow, maintain 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 2022;
 - 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

Explain 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 2022.

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, maintain 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, maintain 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.
--------------------------------	---

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	1 March 2018	31 December 2026
Review	2	26 November 2020	31 December 2026
Rollover	3	27 July 2023	31 December 2026
Rollover	4	29 August 2024	31 December 2026
Review	5	30 January 2025	N/A

Consent and Moderation Requirements (CMR) reference	0014
--	------

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

Comments on this unit standard

Please contact Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council qualifications@hangaarorau.nz if you wish to suggest changes to the content of this unit standard.