

Title	Demonstrate knowledge of conveyors, and crushing and screening plant for extractive industries		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to demonstrate knowledge of conveyors, crushing plant, and screening plant for extractive industries.
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Classification	Extractive Industries > Extractive Industries Management
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Available grade	Achieved
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Guidance Information

- 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 (Worker Engagement, Participation, and Representation) Regulations 2016;
Health and Safety at Work (Mining Operations and Quarrying Operations) Regulations 2016;
approved codes of practice issued pursuant to the HSW Act;
WorkSafe NZ's Good Practice Guidelines for work-related health, and the extractives industries, including
Health and Safety at Opencast Mines, Alluvial Mines and Quarries Good Practice Guidelines 2015,
Best Practice Guidelines for Safe Use of Machinery,
Good Practice Guidelines for Working at Height in New Zealand available from <https://worksafe.govt.nz/>;
AS/NZS 4024.1:2014, *Safety of machinery* series;
AS/NZS 1657:1992, *Fixed Platforms, Walkways, Stairways and Ladders – Design, Construction and Installation.*
- 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.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of conveyors for extractive industries.

Performance criteria

- 1.1 The attributes of conveyors are described in relation to the operational purpose and position.
- Range includes but is not limited to – belt, chain, screw.
- 1.2 Health and safety considerations for conveyors are described in relation to operational requirements.
- Range safety considerations include but not are limited to – guarding, safe access, housekeeping, emergency procedures, pre-start checks, isolation and lock-out procedures, training and competency;
health considerations include but not are limited to – dust, noise, vibration, monitoring.

Outcome 2

Demonstrate knowledge of crushing plant for extractive industries.

Performance criteria

- 2.1 The attributes of crushers are described in relation to the operational purpose and position.
- Range primary, secondary, tertiary.
- 2.2 Health and safety considerations for crushing plant are described in relation to operational requirements.
- Range safety considerations include but not are limited to – guarding, safe access, housekeeping, emergency procedures, pre-start checks, isolation and lock-out procedures, training and competency;
health considerations include but not are limited to – dust, noise, vibration, monitoring.

Outcome 3

Demonstrate knowledge of screening plant for extractive industries.

Performance criteria

- 3.1 The attributes of screens are described in relation to the operational purpose and position.
- Range includes but is not limited to – grizzly, trommel, static screens, moving screens, mesh type and size.

- 3.2 Health and safety considerations for screening plant are described in relation to operational requirements.

Range safety considerations include but not are limited to – guarding, safe access, housekeeping, emergency procedures, pre-start checks, isolation and lock-out procedures, training and competency;
health considerations include but not are limited to – dust, noise, vibration, monitoring.

Replacement information	This unit standard replaced unit standard 25878.
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Planned review date	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	1 March 2018	N/A

Consent and Moderation Requirements (CMR) reference	0114
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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 MITO New Zealand Incorporated info@mito.org.nz if you wish to suggest changes to the content of this unit standard.