

Title	Use simple maths to solve extractives related problems		
Level	2	Credits	4

Purpose	People credited with this unit standard are able to solve extractives related number problems, and use area, volume, and mass calculations to solve extractives related problems.
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Classification	Extractive Industries > Extractive Industries Management
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Available grade	Achieved
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Guidance Information

None.

Outcomes and performance criteria

Outcome 1

Solve extractives related number problems.

Performance criteria

- 1.1 Fractions, decimals, and percentages are used to solve extractives related problems.
- 1.2 Ratios and gradients are used to solve extractives related problems.
- 1.3 Rates are used to solve extractives related problems.

Range may include but is not limited – speed, distance, time, flow rate, volume.

Outcome 2

Use area, volume, and mass calculations to solve extractives related problems.

Performance criteria

- 2.1 The area of common objects found in an extractives site is calculated.

Range squares, rectangles, triangles, circles.

2.2 The volume of common objects found in an extractives site is calculated.

Range may include but is not limited to – tanks and stockpiles.

2.3 The mass of objects and materials found in an extractives site is calculated using volume and density.

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Status information and last date for assessment for superseded versions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	21 August 2009	31 December 2017
Review	2	18 June 2015	N/A
Rollover	3	25 January 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.