

Title	Read and interpret extractive site plans		
Level	4	Credits	5

Purpose	People credited with this unit standard are able to read and interpret extractive site plans.
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Classification	Extractive Industries > Extractive Industries Management
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Available grade	Achieved
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Guidance Information

Definition

Industry best practice may be documented in management plans, control plans, company procedures, managers' rules, occupational health and safety policy, industry guidelines, codes of practice, manufacturers' instructions, and safe working and/or job procedures (or equivalent).

Outcomes and performance criteria

Outcome 1

Read and interpret extractive site plans.

Range one underground site, one surface site.

Performance criteria

- 1.1 Symbols and terminology are interpreted in accordance with the key and industry best practice.
- 1.2 Bearing, distance, and grade between two points are determined.
- 1.3 Co-ordinates from a plan are determined to a fixed position.
- 1.4 Symbols are interpreted in relation to physical features and locations at the site.

Range may include but is not limited to – electrical reticulation, mechanical reticulation, ventilation control devices (VCDs), communications, underground and surface survey stations, emergency facilities, roadways, winzes, orepasses, shafts, extraction sections, sealed areas, worked out areas, ventilation features and information, explosion risk zones (ERZ), stone dust

zones, flooded areas, rock/roof falls, surface features, buildings, permit boundaries, old workings.

- 1.5 Symbols and diagrams relating to geological and geotechnical features on the plan are interpreted in relation to the conditions met or to be met at a site.

Range may include but is not limited to – faults, folds, anticlines, synclines, wash-outs, dykes, seam isopachs, structure contours outcrops, orebody limits, underground barriers.

- 1.6 The scaling of the plan is described in terms of accuracy and application.

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Status information and last date for assessment for superseded versions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	25 November 2000	31 December 2017
Review	2	23 September 2005	31 December 2017
Rollover and Revision	3	16 July 2010	31 December 2017
Review	4	18 June 2015	31 December 2019
Review	5		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.