

<b>Title</b>	<b>Describe and apply basic skills and knowledge required to work at a surface extraction site</b>		
<b>Level</b>	<b>2</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	People credited with this unit standard are able to: explain the requirements of the Health and Safety at Work (HSW) Act 2015 and relevant regulations; describe and demonstrate use of personal protective equipment at a surface extraction site; isolate power sources to machinery and equipment; follow safety and emergency procedures at a surface extraction site; outline operational practices and procedures at the surface extraction site; and explain resource consent conditions at the surface extraction site.
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<b>Classification</b>	Extractive Industries > Surface Extraction
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<b>Available grade</b>	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 (Mining Operations and Quarrying Operations) Regulations 2016;
  - Health and Safety at Work (Worker Engagement, Participation, and Representation) Regulations 2016;
  - Health and Safety at Work (Hazardous Substances) Regulations 2017 and related Safe Work Instruments (SWIs) published by WorkSafe NZ;
  - approved codes of practice issued pursuant to the HSW Act;
  - Resource Management Act 1991;
  - Hazardous Substances and New Organisms Act 1996;
  - Occupational health and safety guidelines, available at <https://worksafe.govt.nz/>.
- 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.
- Demonstration of the ability to apply the skills and knowledge required in this unit standard may be simulated in the workplace.

#### 4 Definitions

*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 manuals, codes of practice, or policy statements. *Industry best practice* refers to those practices which competent practitioners within the industry recognise as current industry best practice. These may be documented in management plans, company procedures or requirements, managers' rules, occupational health and safety policy, industry guidelines, codes of practice, manufacturers' instructions, and safe working and/or job procedures (or equivalent).

5 This unit standard is intended for, but is not limited to, workplace assessment.

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## Outcomes and performance criteria

### Outcome 1

Explain the requirements of the HSW Act 2015 and relevant regulations.

#### Performance criteria

1.1 The requirements of the HSW Act, and relevant regulations are explained as they apply to an employee at a surface extraction site.

Range includes but is not limited to – duties of employees, accident procedures, approved codes of practice, induction.

### Outcome 2

Describe and demonstrate use of personal protective equipment at a surface extraction site.

#### Performance criteria

2.1 The effectiveness and suitability of personal protective clothing are described in terms of their use at a surface extraction site.

2.2 Use of personal protective equipment is demonstrated in accordance with manufacturers' requirements.

Range includes but is not limited to – clothing, footwear, ear protection, eye protection, hardhat, breathing protection.

### Outcome 3

Isolate power sources to machinery and equipment.

#### Performance criteria

3.1 Power sources to machinery and equipment are isolated safely in accordance with the approved code of practice and company procedures.

**Outcome 4**

Follow safety and emergency procedures at a surface extraction site.

**Performance criteria**

- 4.1 Safety procedures are followed at all times at a surface extraction site in accordance with company procedures and/or industry best practice.
- 4.2 Emergency procedures are followed in accordance with company procedures, industry best practice, and legislation.

**Outcome 5**

Outline operational practices and procedures at the surface extraction site.

**Performance criteria**

- 5.1 The aims of the quality management system are outlined in accordance with company procedures.
- 5.2 The health and safety management systems are outlined in accordance with company procedures.
- 5.3 Legislative requirements applicable to the site are outlined in accordance with company procedures.
- 5.4 The environmental systems in place at the site are outlined in accordance with company procedures.

**Outcome 6**

Explain resource consent conditions at the surface extraction site.

**Performance criteria**

- 6.1 Resource consent conditions for a surface extraction site are described in accordance with legislation.

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<b>Planned review date</b>	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 2019
Review	2	27 January 2005	N/A
Rollover and Revision	3	16 July 2010	N/A
Rollover and Revision	4	25 January 2018	N/A

**Consent and Moderation Requirements (CMR) reference**

0114

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](mailto:info@mito.org.nz) if you wish to suggest changes to the content of this unit standard.