

<b>Title</b>	<b>Describe and operate a feeder breaker in an underground operation</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	People credited with this unit standard are able to: describe the operational characteristics and performance of a feeder breaker; describe safe work practices and conditions for operating a feeder breaker; check readiness and operate a feeder breaker; and shut down a feeder breaker and complete documentation, in an underground operation.
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<b>Classification</b>	Extractive Industries > Underground Extraction
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<b>Available grade</b>	Achieved
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<b>Prerequisites</b>	Unit 7146, <i>Demonstrate basic knowledge and ability required to work in an underground operation</i> , or demonstrate equivalent knowledge and skills.
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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.
- 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.
- 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 legislation, regulations, guidelines, standard operating procedures, manuals, codes of practice, or policy statements.
  - 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).

- 4 An *underground operation* includes extractive or tunnelling operations.

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## Outcomes and performance criteria

### Outcome 1

Describe the operational characteristics and performance of a feeder breaker in an underground operation.

#### Performance criteria

- 1.1 The operational characteristics and performance of a feeder breaker are described in terms of its operation in an underground site.

Range operating or site grade, safety features, controls, operating procedures, feed methods, discharge methods, components.

### Outcome 2

Describe safe work practices and conditions for operating a feeder breaker in an underground operation.

#### Performance criteria

- 2.1 Safe work practices and conditions for the machine operation are described in accordance with industry best practice and company procedures.

Range may include but is not limited to – accessibility, ventilation, roadway and floor conditions, roof and rib security, compressed air, water, electrical services, hydraulics, emergency stops, communications, sequencing, pre-start checks, alarms, positioning.

### Outcome 3

Check readiness and operate a feeder breaker in an underground operation.

#### Performance criteria

- 3.1 Checks on a feeder breaker are completed in accordance with industry best practice and company procedures.

Range access, hopper clearance, availability, capacity, walk-around checks, pre-start checks, documentation.

- 3.2 Identified defects are reported and managed in accordance with industry best practice and company procedures.

3.3 Feeder breaker is operated in accordance with the job requirements, machine specifications, and company procedures.

Range operation includes but is not limited to – manoeuvring when setting up, positioning, loading access, hopper clearance, breaker operation, discharge, cable care, service water, picks, chain conveyer, stabilizing methods.

**Outcome 4**

Shut down a feeder breaker and complete documentation.

**Performance criteria**

- 4.1 Feeder breaker is cleared of material in accordance with industry best practice and company procedures.
- 4.2 Feeder breaker is shut down in accordance with industry best practice and company procedures.
- 4.3 Identified defects are reported and managed in accordance with industry best practice and company procedures.
- 4.4 Documentation is completed in accordance with industry best practice and company procedures.

**This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.**

**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	29 August 1996	31 December 2017
Revision	2	17 December 1996	31 December 2017
Revision	3	18 December 1998	31 December 2017
Review	4	25 November 2000	31 December 2017
Review	5	23 September 2005	31 December 2017
Rollover and Revision	6	16 July 2010	31 December 2017
Review	7	18 June 2015	31 December 2020
Rollover and Revision	8	25 January 2018	31 December 2020
Review	9	26 March 2020	31 December 2020

<b>Consent and Moderation Requirements (CMR) reference</b>	0114
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.