

**FIELD                    ENGINEERING AND TECHNOLOGY****Review of *Extractive Industries* unit standards**

<b>Subfield</b>	<b>Domain</b>	<b>Id</b>
Extractive Industries	Extractive Industries Management	8903, 8908, 15247, 20732, 21151, 21157
	Surface Extraction	8917, 17983
	Underground Extraction	21663

The NZ Extractive Industries Training Organisation has completed the review of the unit standards listed above.

**Date new versions published**

**August 2009**

**Planned review date**

**December 2014**

**Summary of review and consultation process**

The review took place in response to feedback from assessors, moderators, providers, and industry advisory groups. Unit standards have been updated to bring them in line with current industry practice and legislation requirements. Consultation took the form of meetings, email, and telephone calls with the industry advisory group and wide circulation throughout the sector of the reviewed unit standards.

**Main changes resulting from the review**

- Unit standard 8908 was replaced by unit standard 25881, unit standard 25883, unit standard 25882, and unit standard 25884.
- Unit standard 27032 was replaced by unit standards 25876 and 25877.
- Unit standard 21157 was replaced by unit standards 25879 and 25878.
- The level of unit standard 8917 increased from 2 to 3.
- Special notes were updated.
- Elements and performance criteria were changed to reflect current industry practice.

**The unit standards categorised as category C will expire at the end of December 2011.**

**Impact on existing provider accreditations**

<b>Current Accreditation for</b>			<b>Accreditation extended to</b>		
Nature of accreditation	Classification	Level	Nature of accreditation	Id	Level
Domain	Extractive Industries Management	4	Standard	25879	5
Domain	Surface Extraction	2	Standard	8917	3
Domain	Surface Extraction	4	Standards	25876, 25881, 25883	3
				25882, 25884	4
				25877	5

## Impact on existing qualifications

Qualifications that contain the reviewed standards or classifications are tabled below.

<b>Affected</b>	The qualification lists a reviewed classification (domain or subfield) in an elective set The qualification lists a standard that has changes to level or credits The qualification lists a C or D category standard
<b>Not materially affected</b>	The qualification lists a standard that has a new title The qualification lists a standard that has a new classification

The following Extractive Industries Training Organisation qualifications are affected by the outcome of this review and will be reviewed in 2009.

Qualification title	Classification or standard in the qualification
National Certificate in Extractive Industries (Operations) with strands in Lime Milling, Surface Extraction, and Underground Extraction [Ref: 0248]	20732
National Certificate in Extractive Industries (Supervision) with strands in Surface Extraction, and Underground Extraction [Ref: 0249]	20732
National Diploma in Extractive Industries (Mineral Processing-Metalliferous Gold) [Ref: 0475]	8908
National Diploma in Extractive Industries (Management) with strands in Surface Extraction, and Underground Extraction [Ref: 0806]	21157

## Review Categories and changes to classification, title, level and credits

All changes are in **bold**.

<b>Key to review category</b>
<b>A</b> Dates changed, but no other changes are made - the new version of the standard carries the same Id and a new version number
<b>B</b> Changes made, but the overall outcome remains the same - the new version of the standard carries the same Id and a new version number
<b>C</b> Major changes that necessitate the registration of a replacement standard with a new Id
<b>D</b> Standard will expire and not be replaced

## Subfield Extractive Industries

Id	Domain	Title	Level	Credit	Review Category
8908	Surface Extraction	Inspect and maintain conveyors and screens at a surface extraction site	3	5	C
25881	<b>Extractive Industries Management</b>	<b>Operate conveyors at an extractives site</b>	3	5	
25882	<b>Extractive Industries Management</b>	<b>Inspect and maintain conveyors at an extractives site</b>	4	8	
25883	<b>Extractive Industries Management</b>	<b>Operate screens at an extractives site</b>	3	3	
25884	<b>Extractive Industries Management</b>	<b>Inspect and maintain screens at an extractives site</b>	4	3	
20732	Surface Extraction	Demonstrate knowledge of environmental requirements for an extractive site	3	4	C
25876	<b>Extractive Industries Management</b>	<b>Describe the effects of an extractives site on the environment and related requirements and responsibilities</b>	3	4	
25877	<b>Extractive Industries Management</b>	<b>Demonstrate knowledge of the environmental effects of a specific extractives site and related legislative requirements</b>	5	6	

## Subfield Extractive Industries

## Domain Extractive Industries Management

Id	Title	Level	Credit	Review Category
8903	Maintain mesh screens on production plant	2	5	B
	<b>Maintain screens on production plant at an extractives site</b>	3		
15247	Manufacture ANFO explosives	4	10	B
21151	Demonstrate knowledge of planning rehabilitation operations of an extractive site	6	15	B
21157	Demonstrate knowledge of and select crushing and screening plant for extractive industries	4	7	C
25878	<b>Demonstrate knowledge of crushing and screening plant for extractive industries</b>	4	15	
25879	<b>Select crushing and screening plant and describe the selection criteria for screens for extractive industries</b>	5	10	
25880	<b>Use simple maths to solve extractives related problems</b>	2	4	New

## Domain Surface Extraction

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
8917	Operate haul trucks on surface extractives sites	2 3	6	B
17983	Demonstrate knowledge of emergency shutdown procedures at a sand extraction site	2	6	B

## Domain Underground Extraction

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
21663	Describe and operate pipejacking and microtunnelling equipment in an underground mine	4	20	B