

Field Engineering and Technology**Review of *Extractive Industries* and *Metalliferous Mining* unit standards**

Subfield	Domain	ID
Metalliferous Mining	Metalliferous Mining - Operations	24469
Extractive Industries	Extractive Industries Management	7142, 23547-23549

NZ Motor Industry Training Organisation (MITO) has completed the review of the unit standards listed above.

Date new versions published

19 March 2015

Planned review date

31 December 2020

Summary

MITO's Extractives Governance Group and Working Groups, which include elected representation from industry and Tertiary Education Organisations, considered the content of these unit standards in conjunction with the development of new New Zealand qualifications for Extractives. The review also considered recommendations by the recently appointed New Zealand Mining Board of Examiners. The Board of Examiners advises the Board of WorkSafe on the health and safety competency requirements for workers in the extractives industry – a key recommendation of the Royal Commission on the Pike River Tragedy. These competency requirements include standards from the *Extractives Industries* subfield.

The review of these standards has resulted in updated outcomes and evidence requirements that reflect current industry practice and legislative requirements. A new Level 4 standard that covers the requirements of health and safety legislation for an extractive site has been developed. It will be suitable for those working in first-line supervisor roles.

Standard 24469 has been moved from the *Metalliferous Mining - Operations* domain to the *Extractive Industries Management* domain so that it can be used across all sectors of the mining and quarrying industry.

Standards 23547-23549 were based on equivalent Australian units of competency. The review has resulted in these standards being designated expiring and replaced by three new coversheet standards that link directly to the relevant Australian unit of competency. This is to ensure that the New Zealand standards can be more easily kept up-to-date with changes to the Australian units.

The replacement coversheet standards are listed at Level 6 to ensure they reflect the NZQF level descriptors, and to ensure they will accord rationally with the Graduate Profile Outcomes in the New Zealand qualification.

Main changes

- Explanatory notes, outcomes, and evidence requirements in standard 7142 were amended to ensure they reflect current legislative requirements, and to future-proof the standard in terms of future changes to legislation.
- Three standards were replaced by coversheet standards.
- One new standard was developed.
- Standard 24469 was moved from the *Metalliferous Mining - Operations* domain to the *Extractive Industries Management* domain, and increased from Level 3 to Level 4 to ensure best alignment with the NZQF Level Descriptors.
- A last date for assessment of superseded versions of these standards was determined. Results will not be accepted where the assessment date is after the last date for assessment of the superseded version of the standard.

The last date for assessment of superseded versions of Category B unit standards is December 2017

Category C unit standards will expire at the end of December 2017

Detailed list of unit standards – classification, title, level, and credits

All changes are in **bold**.

Key to review category	
A	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number
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
C	Major changes that necessitate the registration of a replacement standard with a new ID
D	Standard will expire and not be replaced

Engineering and Technology > Metalliferous Mining
Engineering and Technology > **Extractive Industries**

ID	Domain	Title	Level	Credit	Review Category
24469	Metalliferous Mining – Operations Extractive Industries Management	Apply risk management processes in a metalliferous mine	3	5	B
		Apply risk management processes at an extractive site	4		

Engineering and Technology > Extractive Industries > Extractive Industries Management

ID	Title	Level	Credit	Review Category
7142	Demonstrate knowledge of the application of regulatory requirements to manage an extractive site	6	25	B

ID	Title	Level	Credit	Review Category
23547 28739	Establish the risk management system at an extractive site Establish and maintain the risk management system at an extractive site	7 6	20 15	C
23548 28740	Establish and maintain the Occupational Health and Safety management system at an extractive site Establish and maintain the Occupational Health and Safety management system at an extractive site	7 6	20 20	C
23549 28741	Establish and maintain the environmental management system at an extractive site Establish and maintain the environmental management system at an extractive site	7 6	20 20	C
28742	Explain the health and safety legislation, and supporting documents, applicable to an extractive site	4	8	New