

Field Engineering and Technology

Review, and Revision and Rollover of *Surface Extraction* unit standards

Subfield	Domain	ID
Extractive Industries	Surface Extraction	8900, 8917, 22341-22343, 22344 , 22345, 22346

The NZ Extractive Industries Training Organisation (EXITO) has completed the review of the unit standards listed above. The unit standard shown in **bold** has been revised and rolled over.

Date new versions published

April 2011

Planned review date (reviewed standards)

December 2015

Planned review date (revised and rolled over standard)

December 2014

Summary

These unit standards all relate to heavy machinery at extractives sites, and so were reviewed together as a subset of the Surface Extraction domain.

Members of EXITO's Extractives Industry Advisory Group (IAG) as representatives of, and in consultation with, their industry networks reviewed the content of the standards and made changes to ensure they are fit for purpose and reflect current industry best practice. Following industry consultation of the proposed changes, EXITO's Extractives Sector Advisory Group endorsed these standards and the review process.

In addition, as InfraTrain also has standards covering heavy machinery (in civil construction contexts), a representative from that SSB was also involved in this review. InfraTrain has endorsed the registration of these standards.

Unit standard 22344 relates to the use of recovery equipment, and has only had low usage since its registration. The IAG decided to revise and roll over this standard so that more research and development could take place in to industry's requirements for recovery operations involving heavy machinery.

Main changes

- Titles, explanatory notes, outcomes, evidence requirements, terminology, levels and credits of the reviewed standards were amended as necessary to ensure the reviewed standards are fit for purpose.
- Entry information in the reviewed standards was updated and amended from 'critical health and safety prerequisites' to 'recommended skills and knowledge'.
- Unit standard 22343 was designated as expiring.
- Unit standards 27238-27242 were developed.
- The explanatory notes of unit standard 22344 were updated to ensure they are current.
- Last date of assessment for superseded versions of the unit standards is 31 December 2012.

The category D unit standard will expire at the end of December 2012

Impact on registered qualifications

Key to type of impact	
Affected	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
Not materially affected	The qualification lists a standard that has a new title The qualification lists a standard that has a new classification

The following EXITO qualifications are impacted by the outcome of this review and will be updated when they are reviewed in 2014. The standards that generated the status *Affected* are listed in **bold**.

Ref	Qualification Title	ID
1521	National Certificate in Extractive Industries (Operations) (Level 3) with strands in Coal Plant, Drilling Surface, Drilling Underground, Maintenance Operations, Metalliferous Processing, Mobile Plant Surface, Processing Plant, Surface Extraction, Underground Extraction, and Water Treatment	8917, 22341, 22342, 22343, 22345, 22346
1526	National Certificate in Extractive Industries (Sand) (Level 3)	22346

Detailed list of reviewed 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 > Extractive Industries > Surface Extraction

ID	Title	Level	Credit	Review Category
8900	Clean surface extraction fixed and mobile production plant, equipment, and site, and maintain site	2	5	B
8917	Operate haul trucks on surface extractives sites Operate haul trucks safely for surface work at an extractive site	3	6 12	B
22341	Describe, prepare, and operate a wheeled dozer at an extractive site Operate a wheeled dozer safely for surface work at an extractive site	3	20 15	B
22342	Describe, prepare, and operate a track type tractor at an extractive site Operate a track type tractor safely for surface work at an extractive site	3	20	B

ID	Title	Level	Credit	Review Category
22343	Describe, prepare, and operate a soil compactor at an extractive site	3	20	D
22345	Describe, prepare, and operate an articulated dump truck at an extractive site Operate an articulated dump truck safely for surface work at an extractive site	3	15	B
22346	Describe, prepare, and operate a water truck at an extractive site Operate a water truck safely for surface work at an extractive site	3	15 12	B
27238	Operate a wheeled loader safely for surface work at an extractive site	3	15	New
27239	Operate an excavator safely for surface work at an extractive site	3	15	New
27240	Operate a mechanical rockbreaker safely for surface work at an extractive site	3	12	New
27241	Operate a motor grader safely for surface work at an extractive site	3	20	New
27242	Operate an excavator at the face safely for surface work at an extractive site	3	10	New

Detailed list of revised and rolled over unit standard – classification, title, level, and credits

Engineering and Technology > Extractive Industries > Surface Extraction

ID	Title	Level	Credit
22344	Describe, prepare, and operate recovery equipment at an extractive site	3	20