

Field Service Sector

Review of *Resource Recovery* and *Solid Waste* unit standards

Subfield	Domain	ID
Resource Recovery	Composting	23317, 23318
	Recycling and Recovery	22675
	Resource Recovery Operations	22608
	Resource Recovery Theory	22635, 22636, 22638
Solid Waste	Hazardous and Special Waste Management	23335
	Solid Waste Disposal	23568, 23578, 23581

MITO New Zealand Incorporated (MITO) has completed the review of the unit standards listed above.

Date new versions published

January 2021

Planned review date

December 2024

Summary

MITO identified a group of unit standards in the *Resource Recovery* and *Solid Waste* subfields that were due or overdue for review. Unit standards were reviewed throughout 2019 and 2020.

Reviewed unit standards were sent to Consent to Assess holders in early 2020 for feedback. This feedback was considered and incorporated where appropriate.

Main changes

- 11 unit standards were reviewed to reflect current industry requirements.
- Guidance information section was updated with current industry practice and legislation.
- Unit standards were shifted from CMR 0114 to CMR 0014.
- Some titles were updated to better reflect the outcomes in the standards.

The last date for assessment of superseded versions of Category B unit standards is December 2022

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

Service Sector > Resource Recovery > Composting

ID	Title	Level	Credit	Review Category
23317	Amend and prepare putrescible wastes for treatment and use in composting	3	6	B

ID	Title	Level	Credit	Review Category
23318	Describe the properties and applications of compost products, and production issues at a composting facility Describe the properties and applications of compost products and production issues at a composting facility	4	5	B

Service Sector > Resource Recovery > Recycling and Recovery

ID	Title	Level	Credit	Review Category
22675	Describe zero waste Demonstrate knowledge of the concept of zero waste	2	2	B

Service Sector > Resource Recovery > Resource Recovery Operations

ID	Title	Level	Credit	Review Category
22608	Identify, sort, and store mixed items received at a resource recovery facility	3	6	B

Service Sector > Resource Recovery > Resource Recovery Theory

ID	Title	Level	Credit	Review Category
22635	Explain the content of an environmental management plan for a resource recovery site	3	4	B
22636	Explain concepts relating to sustainability, resource use, recycling, and the environment	3	8	B
22638	Demonstrate knowledge of the New Zealand resource recovery industry	3	6	B

Service Sector > Solid Waste > Hazardous and Special Waste Management

ID	Title	Level	Credit	Review Category
23335	Receive and contain hazardous waste at a specified site	3	2	B

Service Sector > Solid Waste > Solid Waste Disposal

ID	Title	Level	Credit	Review Category
23568	Demonstrate basic knowledge of landfill operations	2	2	B
23578	Determine and respond to controlled waste in loads entering a solid waste facility Demonstrate and apply knowledge to controlled waste in loads entering a solid waste facility	3	6	B
23581	Identify, isolate, and process controlled waste at a solid waste facility Identify and process controlled waste at a solid waste facility	4	15	B