

Field Service Sector

Review of *Resource Recovery* unit standards

Subfield	Domain	ID
Resource Recovery	Composting	23298-23302, 23304, 23308, 23314, 23323
	Resource Recovery Operations	22617, 22622, 22655, 22966, 28743, 28746, 28747
	Resource Recovery Theory	22631, 22632, 22634, 22643, 28744, 28745
	Scrap Metal Recycling	22648-22650, 22656, 22658, 22671, 22673, 28748

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

Date new versions published

July 2019

Summary

MITO New Zealand Incorporated undertook analysis of currently listed *Resource Recovery* unit standards and identified a number that are no longer being used and have not been awarded in four years or longer. The decision was made to expire these unit standards as they no longer align with industry need.

Main changes

- All standards were set to expire without replacement.

These Category D unit standards will expire at the end of December 2019

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

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
23298	Identify, describe, and observe health and safety practices at a composting facility	3	4	D
23299	Locate and demonstrate knowledge of raw materials, plant, and equipment at a composting facility	2	3	D
23300	Prepare for and conduct sampling for on-site testing and commercial laboratory analysis for a composting facility	3	3	D
23301	Set up and operate water delivery systems at a composting facility	3	3	D
23302	Dispatch compost products and complete documentation at a composting facility	3	6	D

ID	Title	Level	Credit	Review Category
23304	Receive raw materials from customers, and assess, sort, and stockpile for composting	2	8	D
23308	Prepare, maintain, and monitor composting windrows at a composting facility	3	10	D
23314	Prepare value-added products at a composting facility	3	10	D
23323	Operate and carry out basic maintenance on a front end loader at a composting facility	3	15	D

Service Sector > Resource Recovery > Resource Recovery Operations

ID	Title	Level	Credit	Review Category
22617	Supervise customer service and operations in a drop-off area at a resource recovery facility	4	10	D
22622	Demonstrate knowledge of, and supervise, a resource recovery sorting process	4	8	D
22655	Respond to a spill or emission incident at a resource recovery facility	2	4	D
22966	Communicate information on separation at source for a resource recovery facility	3	2	D
28743	Receive and sort recoverable resources and residual waste	2	5	D
28747	Demonstrate and apply knowledge of maintenance and production schedules at a resource recovery facility	4	4	D

Service Sector > Resource Recovery > Resource Recovery Theory

ID	Title	Level	Credit	Review Category
22631	Demonstrate basic knowledge of classifications for recoverable resources and residual waste	2	3	D
22632	Outline recovery options for recoverable resources	4	9	D
22634	Demonstrate knowledge of recovering and recycling organic resources	3	5	D
22643	Explain market requirements for a recoverable resource	4	6	D
28744	Demonstrate knowledge of factors that affect workers' performance in the resource recovery and residual waste industry	2	8	D
28745	Demonstrate knowledge of adverse effects on the environment from resource recovery and residual waste operations	3	5	D

Service Sector > Resource Recovery > Scrap Metal Recycling

ID	Title	Level	Credit	Review Category
22648	Demonstrate knowledge of health, safety, and hazard awareness for scrap metal recycling	3	5	D
22649	Identify and separate ferrous metals for scrap metal recycling	2	3	D
22650	Identify and separate nonferrous metals received for processing at a scrap metal yard	2	8	D
22656	Grade ferrous metals for purchase at a scrap metal yard	2	4	D
22658	Uplift and discharge scrap metal	4	6	D
22671	Demonstrate knowledge of the Secondhand Dealers and Pawnbrokers Act 2004 for scrap metal recycling	3	6	D

ID	Title	Level	Credit	Review Category
22673	Develop a layout plan for a scrap metal yard	5	15	D
28748	Receive, grade, and weigh nonferrous metals for purchase at a scrap metal yard	3	8	D