

Field Service Sector

Revision and Rollover of *Resource Recovery* Unit standards

Subfield	Domain	ID
Resource Recovery	Resource Recovery Operations	22609, 22611-22615, 22618, 22621, 22623-22628, 22679, 22967, 24254, 24255, 24260, 27075
	Scrap Metal Recycling	22651-22654, 22657, 22659-22670, 22672, 22674
	Zero Waste	22676-22678, 22680-22697

MITO New Zealand Incorporated has completed the revision and rollover of the unit standards listed above.

Date new versions published

March 2019

Planned review date

December 2023

Summary

The purpose of this revision and rollover is to keep the unit standards current and fit for purpose. No issues with assessment have been identified since the last review.

Main changes

- Guidance information, purpose statements, entry information, outcomes, performance criteria and range statements were updated to ensure currency.
- The planned review date was extended to December 2023 to follow the Resource Recovery qualification suite reviews.
- The unit standards were moved from CMR 0114 to CMR 0014 so that all MITO unit standards are on one CMR.

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

Service Sector > Resource Recovery > Resource Recovery Operations

ID	Title	Level	Credit
22609	Identify and sort resources for recycling and recovery at a workplace	1	2
22611	Prepare a non-hazardous recoverable resource for transport	3	3
22612	Use industrial scales to weigh a bulk commodity in a resource recovery operation	2	2
22613	Stockpile bulk commodities for resource recovery using machinery	3	4
22614	Demonstrate knowledge of storage requirements for a non-hazardous recoverable resource	3	4
22615	Load a transport container with a recyclable or recoverable resource	3	5
22618	Produce information on separation at source for a resource recovery facility	3	3
22621	Operate a sorting conveyor and sort items in a resource recovery operation	3	6
22623	Plan and manage the implementation of the promotion of a resource recovery facility	5	12

ID	Title	Level	Credit
22624	Design the layout and components for a resource recovery facility	5	25
22625	Demonstrate knowledge of, and sort, construction and demolition materials for resource recovery	3	4
22626	Demonstrate knowledge of, and carry out, kerbside collecting for resource recovery	3	3
22627	Store non-hazardous commodities for resource recovery	3	4
22628	Manage a drop-off area at a resource recovery facility	5	20
22679	Explain pre design issues and discuss the design of a resource recovery facility and its components	5	15
22967	Operate a mobile tyre shredder in a resource recovery operation	2	2
24254	Operate a bag stitching machine for resource recovery operations	2	2
24255	Operate a guillotine for resource recovery operations	2	8
24260	Operate a bandsaw for resource recovery operations	2	4
27075	Operate a baler in a resource recovery operation	3	3

Service Sector > Resource Recovery > Scrap Metal Recycling

ID	Title	Level	Credit
22651	Process scrap metal using gas cutting equipment	3	5
22652	Sort material at a fragmentiser sorting station	3	4
22653	Operate a static baler for recycling scrap metal	3	4
22654	Stockpile commodities at a scrap metal recycling yard	3	5
22657	Prepare to fill, and fill, an export container with scrap metal at a scrap metal yard	3	3
22659	Prepare end-of-life motor vehicles for scrap metal recycling	2	3
22660	Process whiteware for scrap metal recycling	2	4
22661	Control a fragmentiser for scrap metal recycling	5	10
22662	Operate a grab at a scrap metal recycling yard	3	5
22663	Operate a lifting magnet at a scrap metal recycling yard	3	5
22664	Operate mobile shears for scrap metal recycling	3	15
22665	Operate a static shear for scrap metal recycling	3	4
22666	Operate an eddy current separator for scrap metal recycling	3	6
22667	Operate a cable stripper for scrap metal recycling	3	4
22668	Flatten end-of-life motor vehicles for scrap metal recycling	3	3
22669	Bale end-of-life motor vehicles and whiteware for scrap metal recycling	3	4
22670	Operate a granulator for processing scrap copper	3	4
22672	Demonstrate knowledge of the scrap metal recycling industry	2	6
22674	Recognise, classify, grade, value, and purchase nonferrous metals for scrap metal recycling	5	120

Service Sector > Resource Recovery > Zero Waste

ID	Title	Level	Credit
22676	Apply zero waste principles in a workplace	2	4
22677	Discuss key concepts of zero waste theory and practice	3	10
22678	Plan and facilitate an event recycling programme based on zero waste principles	5	15
22680	Demonstrate knowledge of strategies for achieving zero waste	5	20
22681	Demonstrate knowledge of Māori and another culture's perspectives of waste	3	5
22682	Explain sustainability, resource efficiency, and cleaner production in relation to zero waste	5	15

ID	Title	Level	Credit
22683	Demonstrate knowledge of resource efficiency and cleaner production initiatives	5	20
22684	Develop a programme for measuring and monitoring resource efficiency and cleaner production	5	30
22685	Analyse an industry process for the implementation of zero waste principles	5	35
22686	Analyse a community or institution for the implementation of zero waste principles	5	25
22687	Facilitate the zero waste component of a community project	5	25
22688	Research and advise on options for zero waste in households	4	30
22689	Apply knowledge of demographics and geography to the design of a zero waste service	5	12
22690	Plan, prepare, and implement a zero waste product development project	6	60
22691	Plan and implement a programme to support zero waste within a community	5	25
22692	Explain zero waste options and priorities in a specified industry	4	12
22693	Explain strategies for engaging industry partners in zero waste programmes	5	15
22694	Plan, organise, and lead a site visit for developing a zero waste partnering programme	5	6
22695	Explain the tailoring of zero waste programmes to meet the needs of an industry	5	4
22696	Advise on zero waste options for a commercial enterprise	5	25
22697	Advise on zero waste options for an industry	6	40