

Title	Demonstrate knowledge of the scrap metal recycling industry		
Level	2	Credits	6

Purpose	<p>This unit standard is for people working in the scrap metal recycling industry.</p> <p>People credited with this unit standard are able to demonstrate knowledge of the scrap metal recycling industry, and describe the scrap metal recycling process.</p>
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Classification	Resource Recovery > Scrap Metal Recycling
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Available grade	Achieved
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Guidance Information

- 1 Legislation relevant to this unit standard includes:
Hazardous Substances and New Organisms Act 1996;
Health and Safety at Work Act 2015;
Resource Management Act 1991;
Secondhand Dealers and Pawnbrokers Act 2004;
Land Transport Rule: Dangerous Goods 2005.
- 2 Definition
Industry publications refer to published material in hard or electronic copy such as articles available from the following:
Scrap Metal Association of New Zealand at <http://www.scrapmetal.org.nz>;
Recycling Today Media Group at <http://www.recyclingtoday.com>.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of the scrap metal recycling industry.

Performance criteria

- 1.1 The industry is described in terms of benefits to the environment.

Range includes but is not limited to – the principle of closing the loop.
- 1.2 Scrap metal recycling is described in terms of its role in the New Zealand economy.

- 1.3 Scrap metal processing is described in terms of changes throughout history.
- 1.4 Compliance requirements in the scrap metal industry are described in accordance with legislation.
- 1.5 The industry is described in terms of career opportunities.
- 1.6 The industry is described in terms of inter-relationships with other industries.
Range three industries.
- 1.7 Terminology used by the industry is explained in accordance with industry publications.
Range alloy, foundry, ferrous, nonferrous, primary, secondary, bale, log, slab.
- 1.8 Grades of metal are defined and examples of products for each grade are given in accordance with introductory information available from the Scrap Metal Association of New Zealand.
Range four ferrous grades;
at grades each for – aluminium, copper, brass, stainless steel, lead.

Outcome 2

Describe the scrap metal recycling process.

Performance criteria

- 2.1 Description identifies typical sources of scrap metal and explains requirements for their acceptance at a yard.
- 2.2 Description identifies and explains typical processing undertaken at scrap yards and the equipment used for processing.
Range processing – ferrous, nonferrous.
- 2.3 Description identifies end users of scrap metal in terms of processing they undertake and their scrap metal requirements.
- 2.4 Description identifies packaging requirements and explains processes for packaging products at a yard.
Range products may be – export, non export;
evidence is required for three different products.

Planned review date	31 December 2023
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	26 January 2007	31 December 2012
Revision	2	20 May 2011	N/A
Rollover and Revision	3	28 March 2019	N/A

Consent and Moderation Requirements (CMR) reference	0014
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact MITO New Zealand Incorporated info@mito.org.nz if you wish to suggest changes to the content of this unit standard.