

<b>Title</b>	<b>Demonstrate knowledge of the scrap metal recycling industry</b>		
<b>Level</b>	<b>2</b>	<b>Credits</b>	<b>6</b>

<b>Purpose</b>	<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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<b>Classification</b>	Resource Recovery > Scrap Metal Recycling
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<b>Available grade</b>	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.

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**This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.**

**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	31 December 2025
Rollover and Revision	3	28 March 2019	31 December 2025
Review	4	27 March 2025	31 December 2025

**Consent and Moderation Requirements (CMR) reference**

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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.