

Title	Flatten end-of-life motor vehicles for scrap metal recycling		
Level	3	Credits	3

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 flatten end-of-life motor vehicles for scrap metal recycling.</p>
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Classification	Resource Recovery > Scrap Metal Recycling
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Available grade	Achieved
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Prerequisites	Unit 22659, <i>Prepare end-of-life motor vehicles for scrap metal recycling</i> , or demonstrate equivalent knowledge and skills.
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Guidance Information

- 1 All work practices must comply with:
Hazardous Substances and New Organisms Act 1996;
Health and Safety at Work Act 2015;
Resource Management Act 1991;
Official NZ Truck Loading Code, LTSA (*Truck Loading Code*), available at bookshops or <http://www.macmillan.co.nz>.
- 2 Hazard controls, safety procedures, and personal protective equipment must be used throughout operations in accordance with company procedures.
- 3 Definitions
Vehicle flattener refers to machinery designed to flatten end-of-life motor vehicles prior to shredding or processing in New Zealand.
Company procedures mean the documented methods for performing work activities and include health and safety, environmental, and quality management requirements. They may refer to manuals, codes of practice, or policy statements.

Outcomes and performance criteria

Outcome 1

Flatten end-of-life motor vehicles for scrap metal recycling.

Range four packs.

Performance criteria

- 1.1 Health and safety hazards of vehicle flattening operations are identified, controlled, and monitored in accordance with legislation and company procedures.
- Range includes but is not limited to – emergency shutdown.
- 1.2 Vehicles are checked to ensure that hazardous substances have been removed prior to crushing in accordance with buyer requirements and company procedures.
- 1.3 Vehicle flattener is inspected for maintenance requirements, and minor adjustments are made in accordance with operating manuals.
- Range safety equipment, electrical instrumentation, hydraulic instrumentation, hydraulic lines, grease points, chamber.
- 1.4 Specialist vehicle flattener maintenance requirements are reported in accordance with company procedures.
- Range for mobile flattener includes – placing of machine.
- 1.5 Vehicles are placed in flattener in accordance with operating manuals and company procedures.
- 1.6 Flattener is operated within design capacity and in accordance with operating manuals.
- 1.7 Work method ensures that end product meets buyer requirements in accordance with company procedures.
- Range requirements include but are not limited to – density, size, contamination limit.
- 1.8 Flattened packs are prepared for transport in accordance with company procedures and the *Truck Loading Code*.

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 2025
Rollover and Revision	2	28 March 2019	31 December 2025
Review	3	27 March 2025	31 December 2025

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>.

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