

Title	Operate, and carry out basic maintenance, on an organic shredder at a composting facility		
Level	3	Credits	15

Purpose	People credited with this unit standard are able to: prepare to operate an organic shredder; operate an organic shredder; and carry out basic operator maintenance and servicing on an organic shredder, at a composting facility.
----------------	--

Classification	Resource Recovery > Composting
-----------------------	--------------------------------

Available grade	Achieved
------------------------	----------

Guidance Information

- 1 All work practices must comply with the: Health and Safety at Work Act 2015; NZS 4454:2005 Composts, soil conditioners and mulches.
- 2 Personal protective equipment (PPE) must be used throughout operations in accordance with company procedures. PPE includes but is not limited to – gloves, eye protection, appropriate footwear, overalls, hearing protection, respirator or facemask, high visibility clothing, fire extinguisher, first aid kit, eye wash kit, face shield/mask; hard hat.
- 3 Definitions
Basic operator maintenance refers to work that the operator can undertake without getting a mechanic; it may include but is not limited to – greasing moving parts, checking oil levels, cleaning.
Company procedures mean the documented methods for performing work activities and include health and safety, environmental, site, and quality management requirements. They may refer to manuals, codes of practice, or policy statements.
Organic in this industry refers to materials that are putrescible or are of animal or vegetable origin.

Outcomes and performance criteria

Outcome 1

Prepare to operate an organic shredder at a composting facility.

Performance criteria

- 1.1 Pre-start checks are carried out in accordance with company procedures.

Range walk around inspections.

- 1.2 Identified defects are reported and managed in accordance with company procedures.
- 1.3 Briefings or handover details are received, interpreted, and clarified in accordance with company procedures.
- 1.4 Work area preparation is carried out in accordance with job specifications and company procedures.
- Range preparation may include but is not limited to – complementary machinery, input materials, output locations.

Outcome 2

Operate an organic shredder at a composting facility.

Performance criteria

- 2.1 Safety rules for organic shredder operation are adhered to in accordance with legislation, manufacturer's instructions, and company procedures.
- 2.2 Start up and parking procedures are carried out in accordance with manufacturer's instructions.
- 2.3 Organic shredder is operated in accordance with the conditions, equipment operating capacities, and manufacturer's instructions.
- Range conditions may include but are not limited to – load capacity, material types, material condition, contamination, suitability of location, weather, visibility, time of day; evidence is required of night and day operation
- 2.4 Safe operating practices are carried out in accordance with manufacturers' instructions and company procedures.
- Range safe operating procedures may include but are not limited to – working clearances, safety checks, safety of all personnel and other machines, emergency procedures.
- 2.5 Organic shredder operations are carried out in accordance with site quality plan, job instructions, and established outcomes.

Outcome 3

Carry out basic operator maintenance and servicing on an organic shredder at a composting facility.

Performance criteria

- 3.1 Maintenance inspection is conducted in accordance with manufacturer's instructions and company procedures.

- 3.2 Identified defects are reported and managed in accordance with company procedures.
- 3.3 Routine operational servicing and lubrication tasks are carried out in accordance with manufacturer’s instructions and company procedures.
- 3.4 Basic operator maintenance is carried out to manufacturer’s instructions and company procedures.
- 3.5 Records are maintained in accordance with company procedures.
- 3.6 Machine washing and housekeeping is carried out in accordance with company procedures.

Replacement information	This unit standard was replaced by skill standard 40586.
--------------------------------	--

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	23 April 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
--	------

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