

Title	Amend and prepare putrescible wastes for treatment and use in composting		
Level	3	Credits	6

Purpose	People credited with this unit standard are able to amend putrescible wastes, and prepare putrescible wastes, for treatment and use in composting.
----------------	--

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

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

Guidance Information

- 1 All work practices must comply with:
Health and Safety at Work Act 2015;
Resource Management Act 1991;
Hazardous Substances and New Organisms Act 1996;
The New Zealand Waste Strategy, Ministry for the Environment, available at <http://www.mfe.govt.nz>;
NZS 4454:2005 *Composts, soil conditioners and mulches*;
Approved Code of Practice for the Management of Substances Hazardous to Health in the Place of Work, Occupational Safety and Health Service, available at <https://www.worksafe.govt.nz/> (WorkSafe NZ).
- 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, footwear, overalls, hearing protection, respirator or facemask, high-visibility clothing, fire extinguisher, first aid kit, eye wash kit, face shield/mask; hard hat.
- 3 **Definition**
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

Amend putrescible wastes for treatment and use in composting.

Performance criteria

1.1 Putrescible wastes are received from water treatment facility in accordance with company procedures.

Range measured, sprayed with deodoriser, transportable.

1.2 Putrescible wastes are pressed to remove liquid and to achieve specified particle size and density in accordance with company procedures.

1.3 Putrescible wastes are checked for wet to dry balance and carbon to nitrogen ratio in accordance with company procedures.

1.4 Hazards are identified, reported, and managed in accordance with company procedures.

Range hazards include – pathogens.

Outcome 2

Prepare putrescible wastes for treatment and use in composting.

Performance criteria

2.1 Putrescible wastes are blended with bulking agents to ensure optimum balance for compost production in accordance with company procedures.

Range absence of odour;
optimum balance of – moisture, carbon to nitrogen ratio,
temperature.

2.2 The resulting blends are monitored in accordance with company procedures.

Range absence of odour, moisture, carbon to nitrogen, temperature,
pathogens.

2.3 Putrescible wastes are processed through to maturation in accordance with company procedures.

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 2017
Review	2	16 April 2015	31 December 2022
Review	3	28 January 2021	31 December 2025
Review	4	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>.