

<b>Title</b>	<b>Operate a screening plant and carry out basic maintenance at a composting facility</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>15</b>

<b>Purpose</b>	People credited with this unit standard are able to: prepare to operate a screening plant; operate a screening plant; and carry out basic operator maintenance and servicing on a screening plant, at a composting facility.
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<b>Classification</b>	Resource Recovery > Composting
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<b>Available grade</b>	Achieved
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### 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.

### Outcomes and performance criteria

#### Outcome 1

Prepare to operate a screening plant 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 Planning of screening plant operations is carried out in terms of product range and quality.
- Range products may include but are not limited to – coarse mulch, fine compost.
- 1.3 Identified defects are reported and managed in accordance with company procedures.
- 1.4 Briefings or handover details are received, interpreted, and clarified in accordance with company procedures.
- 1.5 Work area is prepared in accordance with job specifications and company procedures.
- Range preparation may include but is not limited to – complementary machinery, input materials, output locations.
- 1.6 Screens are installed in accordance with job specifications.

## **Outcome 2**

Operate a screening plant at a composting facility.

### **Performance criteria**

- 2.1 Safety rules and regulations for screening plant operation are adhered to in accordance with legislation and company procedures.
- 2.2 Start up and parking procedures are carried out in accordance with manufacturer's instructions and company procedures.
- 2.3 Screening plant operations are conducted and controlled in accordance with conditions, equipment operating capacities, and manufacturer's instructions.
- Range conditions may include but are not limited to – weather, visibility; evidence is required of night and day operation.
- 2.4 Safe operating practices are carried out in accordance with manufacturer's instructions and company procedures.
- Range safe operating procedures may include but are not limited to – observing speed limits, working clearances, safety checks, use of two way radio for communication, safety of all personnel other machines, emergency procedures.
- 2.5 Screening plant operations are carried out in accordance with site quality plan, the product being screened, and established outcomes.

2.6 Contaminant materials are removed during operations in accordance with company procedures.

Range metals, plastics;  
removal equipment – magnetic devices, wind sifters.

### Outcome 3

Carry out basic operator maintenance and servicing on a screening plant 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 in accordance with manufacturer's instructions company procedures.

3.5 Records are maintained in accordance with company procedures.

3.6 Vehicle washing and housekeeping is carried out in accordance with company procedures.

<b>Replacement information</b>	This unit standard was replaced by skill standard 40588.
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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	23 April 2007	31 December 2025
Rollover and Revision	2	28 March 2019	31 December 2025
Review	3	27 March 2025	31 December 2025

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