

40608 Store non-hazardous materials in a resource recovery environment

Kaupae Level	3
Whiwhinga Credit	5
Whāinga Purpose	<p>This skill standard is intended for people who are already working in a resource recovery environment including resource recovery facilities, construction, demolition or manufacturing worksites. People credited with this skill standard will be able to store non-hazardous materials safely in a resource recovery environment.</p> <p>This skill standard aligns with the New Zealand Certificate in Resource Recovery (Level 3) with strands in Organic Materials Processing, Recovery and Recycling, and Metal Recycling [Ref: 2744] and may be used in programmes leading to qualifications and micro-credentials at Level 3 and above in other disciplines.</p>
Whakaakoranga me mātua oti Pre-requisites	Learners/ākonga must have completed a workplace health and safety induction or demonstrate equivalent knowledge and skills.

Hua o te ako me Paearu aromatawai | Learning outcomes and assessment criteria

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Describe storage requirements for non-hazardous materials in a resource recovery environment.	a. Describe requirements for material identification in a resource recovery environment.
	b. Describe security, segregation, and environmental factors for storing non-hazardous materials.
	c. Describe handling requirements for non-hazardous materials.
	d. Describe documentation requirements for storing non-hazardous materials.
	e. Explain emergency procedures for storage area of non-hazardous materials.
	f. Describe requirements for accessibility and workflow priorities in a resource recovery environment.

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
2. Store non-hazardous materials for resource recovery.	a. Identify non-hazardous materials to be stored and prepare for storage.
	b. Handle and store non-hazardous materials to meet safety and quality requirements.
	c. Document storage of materials as required by workplace procedures.

Pārongo aromatawai me te taumata paearu | Assessment information and grade criteria

Assessment specifications:

- Evidence is required for storing a minimum of six types of non-hazardous materials.
- In workplaces where learners/akōnga sort a single material stream, types of non-hazardous materials can refer to the different types within that material stream, such as glass, fibre, plastic or metal.
- Storage of materials must meet security requirements and protection from environmental factors.
- Evidence presented for assessment against this skill standard may include oral, visual, video, written and/or practical activities demonstrated in the workplace.
- Evidence presented for assessment against this skill standard must be consistent with safe working practices and be in accordance with applicable service information, workplace procedures and legislative requirements.

Definition

Workplace procedures refer to organisation policies and procedures that are documented in memo, electronic, or manual format and available in the workplace. They may include but are not limited to – standard operating procedures, site specific procedures, site safety procedures, equipment operating procedures, quality assurance procedures, product quality specifications, manufacturer's requirements, references, approved codes of practice, housekeeping standards, environmental considerations, on-site briefings, supervisor's instructions, and procedures to comply with legislative and local body requirements relevant to the resource recovery industry.

Ngā momo whiwhinga | Grades available

Achieved.

Ihirangi waitohu | Indicative content

Storage preparation

- Material identification - batch, storage date, label and container.
- Storage preparation – removal of contaminants, container capacity, container fastening, wrapping, dismantling, removing liquid or adding preservative.

Handling and storage requirements

- Handling requirements - equipment, access route, working clearances, hazard controls and training.
- Storage requirements - temporary, long-term, indoors and outdoor storage, surfaces for ground protection.
- Security requirements - prevention of unauthorised access, containment, location and tracking. Maximum allowable quantities of certain materials to eliminate/minimise risk of fire.
- Environmental factors - temperature, moisture, wind or insects.
- Segregation of materials to prevent contamination.

Storage methods

- FIFO storage method – first in, first out.
- Safe stacking methods for baled material.
- Product/material rotation.

Storage machinery

- Baler or hoist.

Documentation requirements

- Manifest for pre-export or local markets.

Rauemi | Resources

Legislation and best practice guidelines relevant to this skill standard include but are not limited to:

- Hazardous Substances and New Organisms Act 1996.
- Health and Safety at Work Act 2015.
- Resource Management Act 1991.

Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this skill standard will take precedence for assessment purposes, pending review of this skill standard. Legislation can be accessed at:

<https://www.legislation.govt.nz>.

Pārongo Whakaū Kounga | Quality assurance information

Ngā rōpū whakatau-paerewa Standard Setting Body	Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council
Whakaritenga Rārangi Paetae Aromatawai DASS classification	Service Sector > Resource Recovery > Resource Recovery Operations
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0014

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	24 April 2025	N/A
Kōrero whakakapinga Replacement information	This skill standard replaced unit standards 22614 and 22627.		
Rā arotake Planned review date	31 December 2029		

Please contact Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council at qualifications@hangaarorau.nz to suggest changes to the content of this skill standard.