

## 40613 Coordinate and monitor operations in a resource recovery environment

<b>Kaupae   Level</b>	4
<b>Whiwhinga   Credit</b>	20
<b>Whāinga   Purpose</b>	<p>This skill standard is intended for people who are already working in a resource recovery environment including resource recovery facilities, construction or demolition worksites. People credited with this skill standard will be able to coordinate and monitor operations to optimise efficiencies and maintain quality and safety requirements in a resource recovery environment.</p> <p>This skill standard aligns with the New Zealand Certificate in Resource Recovery (Level 4) with strands in Organic Materials Processing, Recovery and Recycling, and Metal Recycling [Ref: 2745].</p>
<b>Whakaakoranga me mātua oti   Pre-requisites</b>	Learners/ākonga must demonstrate competence in workplace health and safety.

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

<b>Hua o te ako   Learning outcomes</b>	<b>Paearu aromatawai   Assessment criteria</b>
1. Coordinate operations to optimise efficiencies in a resource recovery environment.	a. Coordinate personnel to undertake resource recovery operations in accordance with production schedule.
	b. Coordinate logistics relating to incoming and outgoing material streams.
	a. Review and adjust site layout according to product mix and source to maximise efficiency.

Hua o te ako   Learning outcomes	Paearu aromatawai   Assessment criteria
2. Monitor operations in a resource recovery environment.	a. Monitor and report hazards and risks to management.
	b. Follow mitigation controls to minimise or reduce negative environmental impacts relating to resource recovery operations.
	c. Monitor safety and maintenance requirements to ensure machinery and equipment are operating efficiently.
	d. Monitor material inputs and outputs to maintain product quality and process efficiency.
	e. Implement corrective actions to address operational or quality issues.
	f. Review site management plans to ensure they meet regulatory and organisational requirements.
	g. Maintain accurate records of site operations to meet regulatory and organisational requirements.

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

#### Assessment specifications:

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****Coordination**

- Understanding of people and their capabilities.
- Roles and responsibilities of personnel.
- Coordination of shift changes.
- Understanding site activity and movement to optimise site lay out.

**Monitoring operations**

- Production and maintenance schedules.
- Efficient workflow.
- Proactive initiatives to minimise machine downtime.
- Cost analysis of storage, processing and transport logistics to minimise handling and costs.
- Monitoring power consumption to identify machine maintenance requirements and/or adequate power supply on site.
- Reviewing site plans such as temporary traffic management.

**Rauemi | Resources**

Legislation, regulations and industry 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.
- Local government bylaws.
- Local authority consents.

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 Kouna | Quality assurance information**

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

Hātepe   Process	Putanga   Version	Rā whakaputa   Review Date	Rā whakamutunga mō te aromatawai   Last date for assessment
Rēhītatanga   Registration	1	24 April 2025	N/A
Kōrero whakakapinga   Replacement information	N/A		
Rā arotake   Planned review date	31 December 2029		

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