

40611 Monitor environmental performance at a resource recovery site

Kaupae Level	4
Whiwhinga Credit	10
Whāinga Purpose	<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 monitor environmental performance at a resource recovery site.</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>
Whakaakoranga me mātua oti Pre-requisites	Learners/ākonga must demonstrate competence in workplace health and safety.

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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Describe environmental management for a resource recovery site.	a. Explain key legislation, regulations, consents, and codes of practice that apply to a resource recovery site.
	b. Describe the purpose of an environmental management plan.
	c. Explain the responsibilities for meeting the objectives of an environmental management plan.
	d. Describe the requirements for identifying and evaluating environmental impacts and site activities.
	e. Describe procedures for controlling environmental impacts in relation to individual and organisational responsibilities.
	f. Describe procedures for environmental audit and management reviews in relation to individual responsibilities.

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
2. Monitor environmental performance at a resource recovery site.	a. Interpret key elements of an environmental management plan including site layout, buffer zones and operational areas.
	b. Monitor waste management and segregation procedures in accordance with environmental management plan.
	c. Monitor stormwater and/or leachate management practices in accordance with environmental management plan.
	d. Monitor air quality management practices in accordance with environmental management plan.
	e. Monitor permitted volumes of materials at a resource recovery site.
	f. Maintain accurate records to support compliance with an environmental management plan.

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

Assessment specifications:

- For learners/ākonga working at a construction or demolition site, learning outcomes will apply to the resource recovery operations undertaken at a worksite. Environmental management of other site activities such as construction or deconstruction is not required to achieve this skill standard.
- 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**Environmental management**

- Resource consent requirements.
- Hazards and risk assessment.
- Audits – internal (e.g stocktake), regulatory authorities, external certification.

Monitoring

- Performance data, incident and complaint reports.
- Site traffic management.
- Workplace maintenance and testing schedules.
- Data management systems.
- Monitoring devices.

Rauemi | Resources

Legislation, regulations and industry guidelines relevant to this skill standard include but are not limited to:

- Biosecurity Act 1993.
- Climate Change (Waste) Regulations 2010.
- Hazardous Substances and New Organisms Act 1996.
- Health and Safety at Work Act 2015.
- Resource Management Act 1991.
- Resource Management (National Environmental Standards for Air Quality) Regulations 2004.
- Waste Minimisation (Information Requirements) Regulations 2021.
- NZS 4454:2005 Composts, soil conditioners and mulches. Available from: <https://www.standards.govt.nz/>.
- Ministry for the Environment. (2023). Te rautaki para | Waste Strategy. Available from: <http://www.mfe.govt.nz>.
- UK Environment Agency. (current edition). Technical Guidance Note (Monitoring), M9. *Environmental monitoring of bioaerosols at regulated facilities*. Available from: <https://www.gov.uk/>.
- Local government bylaws.
- Local authority consent conditions.

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

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	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 to suggest changes to the content of this skill standard.