

40618 Complete a waste audit at a resource recovery site

Kaupae Level	4
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 plan, carry out and report on a waste audit 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] and may be used in programmes leading to qualifications and micro-credentials at Level 4 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. Plan for a waste audit at a resource recovery site.	a. Identify objective(s) and scope of waste audit.
	b. Create a waste audit plan including timeline, methodologies, equipment, and health and safety procedures.
2. Carry out waste audit at a resource recovery site.	a. Assess hazards and risks, and apply risk control measures at waste audit site.
	b. Set up equipment for audit at waste audit site.
	c. Sort, classify and measure waste streams at waste audit site.
3. Report on waste audit at a resource recovery site.	a. Complete waste audit report to meet job requirements.
	b. Recommend actions based on findings of the waste audit.
	c. Create an action plan including opportunities, benefits and costs of recommended actions.

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

Assessment specifications:

- Assessment excludes clinical and hazardous wastes and audits under section 88 of the Waste Minimisation Act.
- 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.

Definitions

Audit refers to a systematic evaluation of performance against recognised criteria such as a New Zealand Standard, code of practice, resource consent, or protocol.

Waste streams refer to distinct types of waste materials generated from various sources.

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**Waste audit plan**

- Identification of data to be collected during audit.
- Classification system for waste streams.
- Collection time to provide representative sample.
- Methodologies to ensure accurate data collection.
- Size and location of sorting area.
- Equipment required such as Personal Protective Equipment (PPE), waste segregation containers, scales.
- Roles and responsibilities of personnel undertaking audit.
- Communication with relevant stakeholders to inform about audit objectives and process.

Waste audit

- Correct use of PPE.
- Data collection protocols to ensure consistency.
- Sorting, weighing and recording of waste streams.

Report

- Waste inventory and analysis.
- Action plan – compliance with applicable legislation and best practice guidelines.
- Delivery of report – timeliness, accuracy and presentation.

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.
- Waste Minimisation Act 2008.
- Waste Minimisation (Information Requirements) Regulations 2021.
- Solid Waste Analysis Protocol. Available from: <https://environment.govt.nz/>.

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 > Recycling and Recovery
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 standard 27012.		
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.