

40598 Identify environmental responsibilities relevant to the resource recovery industry

Kaupae Level	2
Whiwhinga Credit	2
Whāinga Purpose	<p>This skill standard is intended for people who are new to the resource recovery industry or people who are already working in a resource recovery environment including resource recovery facilities, construction or demolition worksites.</p> <p>People credited with this skill standard will be able to identify legislation, plans and strategies, environmental impacts and recovery methods relevant to the resource recovery industry.</p> <p>This skill standard aligns with the New Zealand Certificate in Resource Recovery (Level 2) [Ref: 2743].</p>

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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Identify legislation, strategies and plans relevant to the resource recovery industry.	a. Identify legislation, environmental bylaws and strategies intended to reduce waste and associated environmental impacts.
	b. Identify the Waste Management and Minimisation Plan (WMMP) in a region and the authority who is responsible for it.
	c. Identify permitted activities in district, local or regional plans relating to resource recovery industry activities.
	d. Explain the purpose of product stewardship and outline the differences between regulated and voluntary product stewardship.

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
2. Identify resource recovery methods and describe the environmental impacts caused by waste.	a. Identify methods for recovering solid, liquid and gaseous waste.
	b. Explain why products containing hydrocarbon gases need to be degassed before any materials can be recovered and identify who is authorised to do this.
	a. Describe the environmental consequences of different discharge methods for solid, liquid and gaseous waste.
	b. Describe the penalties for discharges to air, water or land that may result in harm to the environment.

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

Assessment specifications:

Evidence presented for assessment criterion 1a must include a minimum of one example each of legislation, environmental bylaws and strategies.

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.

Definitions

Permitted activities refer to activities described in district, local or regional council plans. A resource consent is not required for the activity if it complies with any requirements, conditions, and permissions specified for the permitted activity. This may include specific levels of odour, noise, dust, stockpiling of materials or hours of work associated with an activity. Any person involved with the activity is personally responsible for complying with requirements or conditions relating to permitted activities.

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

- Websites to locate relevant external information and documentation.
- Identification of relevant internal organisation documentation.

Rauemi | Resources

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

- Climate Change Response Act 2002.
- Hazardous Substances and New Organisms Act 1996.
- Resource Management Act 1991(sections 15 and 17).
- Waste Minimisation Act 2008.
- Climate Change (Waste) Regulations 2010.
- Resource Management (National Environmental Standards for Air Quality) Regulations 2004.
- Waste Minimisation (Calculation and Payment of Waste Disposal Levy) Amendment Regulations 2023.
- Waste Minimisation (Information Requirements) Amendment Regulations 2023.
- District plans. Available from council websites.
- Cool-Safe. (2023). *Staying Chilled The Right Way* (industry guidelines on refrigerants disposal). Available from: <https://coolsafe.org.nz/>.
- Ministry for the Environment. (2023). *Food loss and waste definition for Aotearoa New Zealand*. <http://www.mfe.govt.nz>.
- Ministry for the Environment. (2023). *Te rautaki para | Waste Strategy*. Available from: <http://www.mfe.govt.nz>.
- New Zealand Green Building Council. (Sustainability rating tools applicable to construction & demolition). Available from: <https://nzgbc.org.nz/>.
- New Zealand Government Procurement. Building rating systems. Available from: <https://www.procurement.govt.nz/guides/construction-procurement/building-rating-systems/>.
- WasteMINZ. (2009). Consent Guide for Composting Operations in New Zealand. Available from: <https://www.wasteminz.org.nz/guidelines>
- BRANZ. REBRI Resource recovery map. Available from: <https://www.branz.co.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 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 Theory
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.