

Title	Apply sustainability practices in the marine or composite industry		
Level	4	Credits	5

Purpose	People credited with this unit standard are able to: explain energy consumption in a marine or composite work process; explain environmental considerations for sustainability and apply sustainability work practices in the marine or composite industry.
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Classification	Boating Industries > Boatbuilding
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Available grade	Achieved
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Guidance Information

1. Legislation, regulations, references and/or industry standards relevant to this unit standard include but are not limited to the:

- [Health and Safety at Work Act 2015](#)
- [Health and Safety in Employment Regulations 1995](#)
- [Resource Management Act 1991](#)
- [Hazardous Substances and New Organisms Act 1996](#)
- [Biosecurity New Zealand](#)
- [Environmental Protection Authority](#)
- [The International Council of Marine Industry Associations \(ICOMIA\)](#)
- [New Zealand Clean Boating](#)
- [Sustainable Business Council, Business Guide to Energy Efficiency.](#)

Any new, amended or replacement Acts, regulations, rules, standards, codes of practice, guidelines, or authority requirements or conditions affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.

2. Assessment information

Evidence presented for assessment against this unit standard must be in accordance with recognised standards, industry standards and legislative requirements.

3. Definitions

Industry standards refer to a widely recognised benchmark or guideline that promotes environmentally responsible operations, resource efficiency, and compliance with regulations.

Recognised standards refer to regulations that are legally enforced or widely recognised.

Outcomes and performance criteria

Outcome 1

Explain energy consumption in the marine or composite work process.

Performance criteria

- 1.1 Areas of energy consumption are explained in terms of the type of energy used and consumption for a process.
- Range evidence for one process is required.
- 1.2 Energy use reduction strategies for a process are explained.
- Range evidence of three strategies is required.
- 1.3 Energy use reduction strategies in the workplace are explained.
- Range evidence of three strategies is required.

Outcome 2

Explain environmental considerations for sustainability in the marine or composite industry.

Performance criteria

- 2.1 Impacts of non-renewable resource use are explained in construction or operation contexts.
- Range evidence of at least two impacts is required.
- 2.2 Strategies or techniques to reduce environmental damage during manufacturing processes are explained.
- Range evidence of three strategies or techniques is required.
- 2.3 Sources of carbon and volatile organic compound emissions during manufacturing are identified and explained.

Outcome 3

Apply sustainability work practices in the marine or composite industry.

Performance criteria

- 3.1 Construction material and processing practices are carried out.
- Range evidence is required for two different sustainable practices.

- 3.2 Workplace waste and disposal practices are carried out for the relevant products.

Replacement information	This unit standard replaced unit standard 26082.
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Planned review date	31 December 2030
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	15 October 2015	31 December 2021
Review	2	28 November 2019	31 December 2027
Review	3	29 May 2025	N/A

Consent and Moderation Requirements (CMR) reference	0136
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

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