

Title	Lead sustainable practice for construction		
Level	5	Credits	10

Purpose	<p>A person credited with this standard can:</p> <ul style="list-style-type: none"> • describe sustainable practice for a construction work programme; and • lead sustainable practice for a construction work programme.
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Classification	Construction > Construction Management
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Available grade	Achieved
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Guidance Information

- 1 This unit standard is intended for use in programmes leading to the New Zealand Certificate in Construction Trades Supervision (Level 5) with strands in Commercial Construction, Construction Related Manufacturing, Construction Related Trades, and Residential Building [Ref: 4237].

This unit standard is suitable for recognising skills and knowledge in commercial construction, construction-related manufacturing, construction-related trades, residential building.

2 **Assessment**

This unit standard must be assessed:

- in construction workplace conditions that reflect current health, safety, industry, and workplace requirements; and
- in everyday contexts across supervision roles in a construction work programme.

Evidence generated for assessment against this standard must be verified by a person who has current supervision expertise in the construction sector and has had the opportunity to regularly observe the candidate in the workplace.

3 **Range**

Evidence generated for assessment against this standard must reflect workplace and industry requirements specified in:

- documented worksite specifications, procedures, and practices.

Evidence generated for assessment against this standard must reflect the best practice guidelines and principles specified in:

- New Zealand. Ministry of Business Innovation and Employment. (2019). *Sustainable Construction: Construction Procurement Guidelines*. Available at: <https://www.procurement.govt.nz/procurement/specialised-procurement/construction-procurement/construction-procurement-guidelines/> (Accessed: 11 January 2022)
- New Zealand. Ministry of Business Innovation and Employment. (2021). *Procurement guide to reducing carbon emissions in building and construction: A practical guide*. Available at: <https://www.procurement.govt.nz/assets/procurement-property/documents/procurement-guide-to-reducing-carbon-emissions-in-building-and-construction.pdf> (Accessed: 11 January 2022)

4 Definitions

Construction work programme is the schedule of activities for a construction contract. *Sustainability* refers to sustainable social, economic, and environmental practices in construction.

Social sustainability is a process for creating sustainable successful places that promote wellbeing by understanding what people need from the places they live and work.

Outcomes and performance criteria

Outcome 1

Describe sustainable practice for a construction work programme.

Performance criteria

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|-----|--|-------|---|
| 1.1 | Describe socially sustainable worksite practice for a construction work programme. | Range | worker conditions, inclusion and equity within work teams, employer-employee relations. |
| 1.2 | Describe economically sustainable worksite practice for a construction work programme. | Range | materials and resource consumption, management, waste minimisation. |
| 1.3 | Describe environmentally sustainable worksite practices for a construction work programme. | Range | water sources (fresh water, sea water), soil, vegetation. |
| 1.4 | Describe the impact a construction work programme has on the natural environment. | Range | water sources (fresh water, sea water), soil, vegetation. |

Outcome 2

Lead sustainable practice for a construction work programme.

Performance criteria

2.1 Monitor a team undertaking a construction work programme to identify areas of success and failure against workplace goals for social sustainability.

Range inclusion and equity within the team, employer-employee relationships.

2.2 Make recommendations and implement an initiative to improve performance against a construction work programmes goals for social sustainability.

2.3 Monitor a team undertaking a construction work programme to identify areas of success and failure against workplace goals for economic sustainability.

Range waste minimisation, resource and materials efficiency, labour allocation.

2.4 Make recommendations and implement an initiative to improve performance against a construction work programmes goals for economic sustainability.

2.5 Monitor a team undertaking a construction work programme to identify areas of success and failure against workplace goals for environmental sustainability.

Range protection of – water sources (fresh water, sea water), soil, vegetation.

2.6 Make recommendations and implement an initiative to improve performance against a construction work programmes goals for environmental sustainability.

2.7 Reflect upon leadership of team to identify areas of success and failure against organisation sustainability goals. Recommend areas for improvement in leadership practice.

Planned review date	31 December 2026
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	26 May 2022	N/A

Consent and Moderation Requirements (CMR) reference	0048
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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 Waihanga Ara Rau Construction and Infrastructure Workforce Development Council qualifications@waihanga.nz if you wish to suggest changes to the content of this unit standard.