

Title	Describe sustainable practices and the benefits of sustainable outcomes for joinery work		
Level	4	Credits	15

Purpose	<p>People credited with this unit standard are able to, for joinery work:</p> <ul style="list-style-type: none"> – describe sustainable practices for material selection; – describe sustainable practices for the management of waste; – describe sustainable practices for energy use; – describe sustainable practices for environmental management; and – describe the benefits of sustainable outcomes.
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Classification	Joinery > Joinery Core Skills
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Available grade	Achieved
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Guidance Information

- 1 Legislation relevant to this unit standard includes:
 - Health and Safety at Work Act 2015; and any subsequent amendments and replacements, available from www.legislation.govt.nz.

- 2 Assessment

Evidence for this unit standard must reflect commercial competence; the ability to demonstrate knowledge and skills in the context of the currently accepted requirements of a business operating in a commercial environment.

Evidence must also reflect commercial standards; the verbal and written information covering company policy, standard operating procedures and processes and job-specific instructions.

This unit standard must be assessed under the supervision of a commercially competent practitioner in workplace conditions that reflect:

- commercial standards, current health, safety, industry, and workplace requirements; and
- industry requirements for commercially acceptable timeframes.

- 3 Definitions

Joinery work refers to the work, job, or project relevant to joinery, cabinetry, doors and windows, stairs, bench tops and specialty surfaces.

Sustainable practices refer to the efficient use of resources for the benefit of people, business, communities, future generations, and the planet.

Outcomes and performance criteria

Outcome 1

Describe sustainable practices for material selection for joinery work.

Performance criteria

- 1.1 Opportunities to procure locally sourced materials are described.
- 1.2 Sustainable practices for sourcing materials used for joinery work are described in terms of recycling and environmental impact.
- 1.3 Sustainable practices in packaging and minimising deliveries are described.
- 1.4 Sustainable practices for ordering materials to minimise surplus or unused materials are described.
- 1.5 Sustainable practices for the protection of materials are described in terms of safe and secure storage to prevent damage.

Outcome 2

Describe sustainable practices for the management of waste from joinery work.

Performance criteria

- 2.1 Sustainable practices to reduce, reuse, and recycle waste for joinery work are described.
- 2.2 Ways to reduce waste in terms of a controlled environment and standardisation are described.

Range splitting of waste products, easy access to materials and equipment, nesting.

Outcome 3

Describe sustainable practices for energy use for joinery work.

Performance criteria

- 3.1 Sustainable practices for reducing energy consumption for joinery work are described.

Range waste minimisation, material efficiency, resource efficiency, eco-efficiency.
- 3.2 Sustainable practices in terms of investing in energy efficient technology and transportation are described.

Outcome 4

Describe sustainable practices for environmental management for joinery work.

Performance criteria

- 4.1 Sustainable practices that lower factory emissions are described.
- 4.2 Sustainable practices for managing pollutants and optimising the use of fossil fuel are described.

Outcome 5

Describe the benefits of sustainable outcomes for joinery work.

Performance criteria

- 5.1 Monitoring, testing, analysing, and reporting on sustainable outcomes for joinery work are described in terms of benefits for the joinery business and local community.
- 5.2 Innovation that emerges from consideration of sustainable outcomes for joinery work are described in terms of benefits for the business and local community.
- 5.3 Sustainable outcomes for joinery work are described in terms of the benefits for the local community.

Range sustainable outcomes include – cost efficiencies, environmental protection, public awareness.

Planned review date	31 December 2027
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	30 March 2023	N/A

Consent and Moderation Requirements (CMR) reference	0073
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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 Waihangā Ara Rau Construction and Infrastructure Workforce Development Council at qualifications@WaihangāAraRau.nz if you wish to suggest changes to the content of this unit standard.