

Title	Construct wooden jigs for wood packaging products		
Level	3	Credits	3

Purpose	People credited with this unit standard are able to: demonstrate knowledge of health and safety issues relevant to carrying out the construction of wooden jigs; prepare for the construction of wooden jigs; and construct wooden jigs for wood packaging products.
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Classification	Solid Wood Manufacturing > Wood Product Manufacturing Skills
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Available grade	Achieved
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Guidance Information

- 1 Legislation
Health and Safety at Work Act 2015.
Resource Management Act 1991.
- 2 Definitions
Accepted industry practice refers to approved codes of practice and standardised procedures accepted by the wider wood manufacturing industry as examples of best practice.
Component refers to items that form the basic materials of a product to be constructed.
Wooden jig refers to any wooden device designed for and used to hold a component during manufacture.
Wood packaging products refer to products manufactured primarily from wood materials, used to store and transport goods. Examples include pallets, boxes, bins, and crates.
Workplace procedures refer to documented policies and procedures set by the organisation carrying out the work, and to documented or other directions provided to staff, and applicable to the tasks being carried out. 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, 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 wood manufacturing sector.
- 3 Assessment information
All activities and evidence must meet workplace procedures and accepted industry practice.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of health and safety issues relevant to carrying out the construction of wooden jigs.

Performance criteria

- 1.1 Safe work practices are identified and applied.
- Range may include but is not limited to – the wearing of appropriate safety equipment, isolation procedures, lockouts, emergency stops, machine guards.
- 1.2 The consequences of non-conformance with workplace standards are described in terms of equipment damage, production loss, and personal hazard.

Outcome 2

Prepare for the construction of wooden jigs.

Performance criteria

- 2.1 The process of jig construction is described in terms of materials used, processes involved, and quality checks made.
- 2.2 Job specifications are interpreted and verified.
- 2.3 Jig component parts are selected, checked for defects, measured, and prepared.
- Range may include but is not limited to – dimensional variations; physical imperfections – splits, cracks, knots, shakes, bark, decay, dirt stains; contamination from insects, organic matter, and/or other foreign bodies; moisture content.
- 2.4 Equipment for the job is selected and confirmed as being safe and in good working order.

Outcome 3

Construct wooden jigs for wood packaging products.

Performance criteria

- 3.1 Jigs are constructed to meet product specifications.
- Range five different wooden jigs to be prepared.
- 3.2 Equipment and work area are left clean, clear, and tidy.

Planned review date	31 December 2024
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	22 March 2002	31 December 2015
Review	2	18 December 2006	31 December 2015
Review	3	20 March 2014	N/A
Review	4	27 August 2020	N/A

Consent and Moderation Requirements (CMR) reference	0013
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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 Competenz qualifications@competenz.org.nz if you wish to suggest changes to the content of this unit standard.