

Title	Repair and maintain wood packaging products		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to: demonstrate knowledge of health and safety issues relevant to the repair and maintenance of wood packaging products; assess damage and determine the process of repair and maintenance of wood packaging products; and carry out the repair and maintenance of faulty or damaged wood packaging product.
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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.
Assembly aids refer to jigs and other devices of a similar nature.
Component refers to items that form the basic materials of a product to be constructed.
Fastening devices refer to nails, staples, nuts and bolts, collars (being metal centre-pieces of individual flanges), and other devices of a similar nature.
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 the repair and maintenance of wood packaging products.

Performance criteria

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

Outcome 2

Assess damage and determine the process of repair and maintenance of wood packaging products.

Performance criteria

- 2.1 Job specifications are interpreted and verified.
- 2.2 Wood packaging products are inspected to assess extent of damage.
- Range may include but is not limited to – missing, broken or rotten boards, splits and/or cracks; incorrectly positioned or protruding nails; contamination from insects, organic matter, glass, other foreign bodies; missing components; insecure boards; product not square and flush; overall finish not up to standard.
- 2.3 Processes for repairing and maintaining wood packaging products are described in terms of the materials and assembly aids used, step-by-step processes, and quality checks carried out.
- 2.4 A method of repair and maintenance is determined.
- Range may include but is not limited to – no repair required, minor repairs, major repairs.

Outcome 3

Carry out the repair and maintenance of faulty or damaged wood packaging product.

Performance criteria

- 3.1 Equipment for the job is selected and confirmed as being safe and in good working order.
- Range may include but is not limited to – automated machinery, hand-held power tools, hand tools, jigs, fastening devices.
- 3.2 Wood packaging product is dismantled with minimal disruption to structural integrity.
- 3.3 Suitable replacement components are obtained or prepared.
- 3.4 Wood packaging product is reassembled.
- Range may include but is not limited to – correct positioning and attachment of replacement components, product square and flush, structural integrity, quality of finish appropriate.
- 3.5 Completed product is recorded, labelled, and packaged.
- Range application of labels, or other identifying markings, may include but is not limited to the use of – stencils, spray paint, roller, brush, branding.
- 3.6 Production rate is maintained.
- 3.7 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.