

Title	Condition logs for peeling for laminated veneer lumber and plywood manufacture		
Level	4	Credits	5

Purpose	People credited with this unit standard are able to: demonstrate knowledge of the reasons for, and methods of, conditioning logs for peeling; and condition logs for peeling for laminated veneer lumber (LVL) and plywood manufacture and complete records.
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Classification	Solid Wood Manufacturing > Laminated Veneer Lumber and Plywood Manufacturing
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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.
Preventative maintenance refers to the care and servicing of equipment and machinery. This may include periodic checks and inspections, testing, measurements, adjustments, or parts replacement as required in accordance with worksite policies and procedures for the purpose of preventing faults or failures and to maintain production requirements.
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 be in accordance with workplace procedures and accepted industry practice.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of the reasons for, and methods of, conditioning logs for peeling.

Range may include but is not limited to – hot water bath, steam chamber, hot water spray chamber, hot water spray pressure chamber.

Performance criteria

1.1 The reasons for conditioning logs for peeling are described in terms of the effect on the wood.

Range effects may include but are not limited to – wood softened, wood pliable, wood more plastic.

1.2 The effects of conditioning on logs for peeling are described in terms of the benefits for lathe operation.

Range benefits may include but are not limited to – knife wear, power consumption, peeling.

1.3 The effects of conditioning logs for peeling are described in terms of the benefits for the veneer.

Range benefits may include but are not limited to – veneer checks, moisture content differences, volume of veneer recovery.

1.4 Hazards associated with log conditioning for peeling are identified, and the role of protective equipment and safety features used to manage these is explained.

Range hazards may include but are not limited to – chemicals, heat, steam, moving equipment, opening and closing doors, slippery surfaces;
safety features may include but are not limited to – personal protective equipment, safety isolation procedures, lockouts, emergency stops, guards.

Outcome 2

Condition logs for peeling for LVL and plywood manufacture and complete records.

Performance criteria

2.1 Logs for peeling are processed.

2.2 Log temperature is monitored.

2.3 Length of time for individual charges in conditioning bath or chamber is monitored.

- 2.4 Wastewater from the conditioning process is treated.
- 2.5 Preventative maintenance and cleaning requirements for log conditioning equipment are applied.
- 2.6 Production, maintenance, and quality records are completed.

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	27 December 2002	31 December 2012
Review	2	29 March 2005	31 December 2012
Rollover and Revision	3	23 February 2007	31 December 2013
Review	4	19 April 2012	N/A
Review	5	22 October 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.