

<b>Title</b>	<b>Grade wooden house piles</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	People credited with this unit standard are able to: prepare to grade wooden house piles; grade wooden house piles; and complete grading activities.
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<b>Classification</b>	Solid Wood Manufacturing > Pole and Post Manufacturing
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Legislation and references  
 Health and Safety at Work Act 2015.  
 NZS 3605: 2001; *Timber piles and poles for use in building*.  
 NZS 3631: 1988; *New Zealand timber grading rules*.  
*Approved Code of Practice for Safety and Health in Forest Operations* (Wellington: WorkSafe, 2012), available at <https://worksafe.govt.nz/topic-and-industry/forestry/safety-and-health-in-forest-operations/>.
- 2 Definitions  
*Accepted industry practice* – approved codes of practice and standardised procedures accepted by the wider wood manufacturing industry as examples of best practice.  
*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, codes of practice, 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 industry sector.
- 3 Assessment information  
 All activities and evidence must meet workplace procedures and accepted industry practice.

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### Outcomes and performance criteria

#### Outcome 1

Prepare to grade wooden house piles.

**Performance criteria**

1.1 The grades for wooden house piles are identified.

Range sawn square house piles, round wooden house piles.

1.2 Grading rules for wooden house piles are identified.

Range may include but is not limited to – wane, pith, maximum knot size, sum of knots, distortion, spiral grain, nodal swelling, end splits, number of growth rings between pith and sawn faces; evidence of five is required.

**Outcome 2**

Grade wooden house piles.

**Performance criteria**

2.1 Wooden house piles are graded to the number one (1) framing grade rule in accordance with NZS 3631.

Range evidence of grading 50 piles to a minimum of 90% accuracy is required.

2.2 Safe work practices are explained and followed.

Range may include but is not limited to – the wearing of appropriate safety equipment, safe use of any related machinery and equipment, emergency stops, isolation procedures, lockouts, machine guards, correct chainsaw use, forklift or loader safety; evidence of wearing appropriate safety equipment and a minimum of three others are required.

2.3 Options for below grade house piles are identified and applied.

Range re-sawing to other products, downgrading.

**Outcome 3**

Complete grading activities.

**Performance criteria**

3.1 Tools, equipment, and materials are accounted for and returned to storage.

3.2 Work area is left clean and tidy, and ready for next use.

3.3 Documentation is completed, communicated, and filed.

Range production, maintenance, quality records.

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<b>Planned review date</b>	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 February 2020	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	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](mailto:qualifications@competenz.org.nz) if you wish to suggest changes to the content of this unit standard.