

Title	Grade and test wooden anchor piles		
Level	3	Credits	5

Purpose	People credited with this unit standard are able to: prepare to grade and test wooden anchor piles; grade and test wooden anchor piles; and complete grading and testing of wooden anchor piles.
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Classification	Solid Wood Manufacturing > Pole and Post Manufacturing
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Available grade	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.

Outcomes and performance criteria

Outcome 1

Prepare to grade and test wooden anchor piles.

Performance criteria

- 1.1 The grades for wooden anchor piles are identified.
- 1.2 The number of wooden anchor piles to be tested each year is specified.
- 1.3 Test requirements for testing wooden anchor piles are explained.

Outcome 2

Grade and test wooden anchor piles.

Performance criteria

- 2.1 The static 4-point tester is set up to test wooden anchor piles.
- 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 Wooden anchor piles are graded.
 - Range evidence of grading of 25 anchor piles are required.
- 2.4 Wooden anchor piles are tested.
 - Range evidence of testing of 25 anchor piles are required.

Outcome 3

Complete grading and testing of wooden anchor piles.

Performance criteria

- 3.1 Wooden anchor pile test results are combined with previous results and are analysed in accordance with NZS 3605 for the previous 100 tests.
- 3.2 Tools, equipment, and materials are accounted for and returned to storage.

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

3.4 Documentation is completed, communicated, and filed.

Range production, maintenance, quality records.

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 February 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.