



Australian Government

Assessment Requirements for FWPCOT2251 Visually stress grade cypress

Release: 1

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Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 5.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that, on at least one occasion, the individual has visually stress graded cypress, and has:

- prepared for visually stress-grading cypress
- followed work order and relevant workplace health and safety and environmental protection procedures
- evaluated and visually stress graded cypress in readiness for processing or storage
- accurately identified characteristics and defects in cypress
- accurately interpreted grading standards and specifications
- worked safely and communicated effectively with others at the work site
- followed workplace policies and procedures, standards and codes of practice for visually stress-grading cypress
- recorded and reported grading activity.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- regulations, standards, codes of practice and established safe practices for visually stress-grading cypress, including Australian Standard AS2858
- workplace standards, policies and procedures for visually stress-grading cypress
- risks and hazards associated with grading timber
- grading markings and standards
- characteristics and properties of cypress
- visual stress-grading techniques and methods
- structural grade: structural conformity of the timber, consistency of the structural quality, and defects that may weaken strength, including knots, shakes and short grain

- appearance of contamination, surface characteristics and grain pattern
- criteria for recycling and reusing sub-standard material
- recycling timber with inappropriate defects or contamination
- reusing timber with inappropriate defects or contamination
- redirecting timber with inappropriate defects or contamination for energy recovery
- storage systems and labelling procedures
- workplace communication channels and protocols
- procedures for recording and reporting workplace information
- strategies for identifying and resolving problems.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a timber processing or manufacturing facility or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - cypress for visual stress-grading
 - work order, workplace requirements and site standards for visually stress-grading cypress
 - vernier callipers
 - moisture meters (resistance and/or capacitance)
 - tapes
 - marking implements
 - personal protective equipment required for visually stress-grading cypress
- specifications:
 - work order with specific instructions for visually stress-grading cypress
 - workplace procedures for visually stress-grading cypress
 - regulations, standards, codes of practice and established safe practices, including Australian Standard AS2858.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>