



Australian Government

Assessment Requirements for FWPCOT3295 Assess and maintain cutter performance

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 the individual has successfully assessed and diagnosed three different problems related to cutter and cutter blocks performance for moulders or planers.

In doing the above, the individual has:

- followed work order and relevant workplace health and safety and environmental protection procedures
- assessed performance of cutter and assembly components
- inspected timber and cutter and assembly components
- identified safe course of action for rectifying problem
- reported on problem, fault diagnosis process and rectification outcomes.

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:

- purpose, features and operation of cutter, cutter block and assembly components on moulders and planers
- typical causes of damage and poor cutter performance:
 - forcing timber through the machine
 - damage from foreign matter
 - incorrect operating speeds
 - oversized material removal
 - incorrect setting of machine
 - poor sharpening or setting of cutters or knives
 - worn or damaged components
- methods for:

- assessing condition of cutters and assembly components
- diagnosing causes of damage and poor performance
- rectifying problems and improving cutter performance
- types of risk and hazards and mitigation measures associated with assessing and maintaining cutter performance
- workplace procedures specific to assessing and maintaining cutter performance:
 - workplace health and safety, with particular emphasis on equipment lock-out and use of personal protective equipment (PPE)
 - communication reporting lines
 - recording and reporting cutting problems
 - diagnosis process and rectification outcomes
 - disposing of material.

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:
 - one or more of the following machines and associated cutters: moulder, planer
 - hand tools to carry out the work
 - PPE suitable for assessing and maintaining performance of cutters
- specifications:
 - records of equipment fault and cutting performance
 - template documents for recording and reporting cutting problems, the fault diagnosis process and rectification outcomes
 - workplace procedures for assessing and maintaining performance of cutters and associated equipment
 - manufacturer instructions for use, repair and maintenance of cutters and associated equipment.

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>