



Australian Government

Assessment Requirements for FWPCOT3280 Replace saw blades, knives and guides

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:

- followed work order and relevant workplace health and safety and environmental protection procedures
- safely removed and replaced saw blades, knives and guides in one or more of the following types of saws and cutting machines:
 - circular saws
 - narrow or wide band saws
 - chippers
 - canters
- safely disposed of obsolete saw blades, knives and guides.

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 tools and equipment used to remove and replace saw blades, knives and guides in saws, chippers and canters:
 - spanners
 - wrenches and sockets
- mechanical lifting aids, including:
 - block and chain
 - pedestrian operated crane
 - pulley system
- methods for:
 - isolation of machine and equipment

- removing mechanical and safety components without damaging these
- removing saw blades, knives and guides from saws, chippers and canters
- installing and checking replacement saw blades, knives and guides for correct alignment and free operation
- re-inserting guides to carriers within allowable tolerances and adjusting clearances
- features and names of different parts of saw blades, knives and guides for:
 - circular saws
 - chippers
 - canters
 - narrow and wide band saws
- mechanical and safety equipment components and their positioning and tolerance specifications in relation to other components, including:
 - electrical motors
 - riving knives
 - access covers
 - saw guards
 - extraction equipment
- environmental protection practices in timber processing and manufacturing facilities
- types of risk and hazards and mitigation measures associated with replacing saw blades, knives and guides
- workplace procedures specific to replacing saw blades, knives and guides:
 - workplace health and safety, with particular emphasis on equipment lock-out, the use of personal protective equipment (PPE) and safe manual handling techniques
 - communication reporting lines
 - recording and reporting of processing problems and equipment faults.

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 types of saws and cutting machines for which saw blades, knives and guides are to be replaced: circular saws, chippers, canters, narrow and wide band saws
 - new or reconditioned saw blades, knives and guides for those machines
 - mechanical lifting aids
 - spanners, wrenches and sockets
 - PPE suitable for replacing saw blades, knives and guides
- specifications:

- template documents for recording processing problems and equipment faults
- manufacturer instructions for use, repair and maintenance of equipment
- work order with specific instructions for replacing saw blades, knives and guides in specified machine
- workplace procedures for replacing saw blades, knives and guides in saws, chippers and canters.

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>