



Australian Government

FWPCOT3212 Replace saws, blades and guides

Release: 1

FWPCOT3212 Replace saws, blades and guides

Modification History

Release	Comment
1	Replaces equivalent unit FPICOT3212B Replace saws, blades and guides first released with FPI11 Forest and Forest Products Training Package Version 2.2. This is the first release of this unit in the new standards format.

Application

This unit of competency describes the outcomes required to remove blunt or damaged saw blades, knives and guides and to install reconditioned ones in various types of cutting equipment. Work is completed in a forest products factory setting.

The unit applies to Sawdoctor, Saw repairer.

No licensing, legislative, regulatory, or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Common Technical

Elements and Performance Criteria

Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions.
1. Prepare for replacement	1.1 Review work order and where required check with appropriate personnel. 1.2 Select appropriate repair, maintenance and personal protective equipment and check for operational effectiveness. 1.3 Transport saws, blades and guides for replacement to designated machinery, using mechanical lifting aids as required. 1.4 Plan replacement process in line with work order.

2. Replace saws, blades and guides	2.1 Follow organisational safety procedures throughout all repair and maintenance repair processes. 2.2 Lock-out equipment and remove mechanical and safety components to provide access to saws or blades and guides without damaging components. 2.3 Store removed components temporarily in a safe location. 2.4 Replace blades and guides in line with manufacturer's recommendations. 2.5 Replace and secure mechanical and safety components in line with manufacturer recommendations. 2.6 Check serviced equipment for correct alignment, position and overall free operational performance. 2.7 Dispose of used blades and guides in line with environmental protection practices or transfer for reconditioning. 2.8 Record and report processing problems and equipment faults to appropriate personnel.
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Foundation Skills

This section describes those core and employment skills that are essential to performance and are not explicit in the performance criteria.

Numeracy skills to:	• measure precise alignment of blades and guides to specification..
Oral communication skills to:	• ask open and closed probe questions and actively listen to clarify contents of work orders.
Reading skills to:	• interpret: • workplace health and safety and other organisational procedures • work orders • manufacturers' maintenance recommendations.
Writing skills to:	• complete basic accurate records for processing problems and equipment faults.
Planning and organising skills to:	• efficiently and logically sequence the stages of preparation and repair work using work order to guide activities.

Range of Conditions

Not Applicable

Unit Mapping Information

FPICOT3212B Replace saws, blades and guides

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>

Assessment Requirements for FWPCOT3212 Replace saws, blades and guides

Modification History

Release	Comment
1	Replaces equivalent unit FPICOT3212B Replace saws, blades & guides, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2. This is the first release of this unit in the new standards format. Assessment requirements now specify the performance and knowledge evidence, as well as assessment conditions for this unit of competency. These sections simplify and replace components used in the previous unit format, including Required Skills and Knowledge, Evidence Guide and Range Statement

Performance Evidence

- A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit. If a specific volume or frequency is not stated below, then evidence must be provided that the following requirements have been performed on at least one occasion:
- follow organisational policies and procedures relevant to replacing saws, blades and guides
- replace saws, blades and knives for these types of equipment in line with a work order
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Knowledge Evidence

A person competent in this unit must be able to demonstrate knowledge of:

- purpose, features and operation of tools and equipment used to remove and replace saws, blades and knives:
 - spanners, wrenches and sockets
 - mechanical lifting aids including:
 - block and chain
 - pedestrian operated crane
 - pulley system
- methods for:
 - isolation of equipment
 - removing mechanical and safety components without damaging these

- removing saws blades and knives cutters from saws and cutting equipment
- installing and checking replacement saws blades and knives for correct alignment and free operation
- features and names of different parts of saws, blades and knives 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 for repairing and maintaining tools and equipment in forest products factory settings:
- reducing water and energy use
- cleaning plant, tools and equipment
 - disposing of, recycling and reusing materials
- organisational policies and procedures specific to replacing saws, blades and guides:
 - workplace health and safety with particular emphasis on equipment lock out and use of personal protective equipment
 - communication reporting lines
 - recording and reporting processing problems and equipment faults.

Assessment Conditions

The following resources must be made available:

- cutting equipment for which saws, blades and guides are to be replaced including one or more of the following:
 - circular saws
 - chippers
 - canters
 - narrow and wide band saws
- new or reconditioned cutters and blades and knives for those pieces of equipment
- new or reconditioned guides for those pieces of equipment
- mechanical lifting aids
- spanners, wrenches and sockets for removing parts
- personal protective equipment suitable for replacing saws, blades and guides
- manufacturers' instructions for use, repair and maintenance of equipment

- work order for repair and maintenance activities with specific instructions for replacing saws, blades and guides in specified equipment
- template documents for recording processing problems and equipment faults
- organisational policies and procedures for replacing saws, blades and guides.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessor requirements

Assessors must:

- hold the appropriate assessor competency standards as outlined in regulations; and
- be able to demonstrate vocational competencies at least to the level being assessed; and
- be able to demonstrate how they are continuing to develop their VET knowledge and skills as well as maintaining their industry currency and assessor competence.

Links

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