



Australian Government

FWPCOT3224 Plan and monitor equipment maintenance

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPICOT3224B Plan and monitor equipment maintenance, 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.

Application

This unit of competency describes the outcomes required to establish a routine maintenance plan, and facilitate repairs for equipment.

The unit applies to people working in a broad range of roles across different forest and forest product industry sectors.

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

Pre-requisite Unit

Nil

Unit Sector

Forest Growing and Management

Harvesting and Haulage

Sawmilling and Processing

Timber Manufactured Products

Timber Merchandising

Wood Panel Products

Timber Truss and Frame Design and Manufacture

Elements and Performance Criteria

<i>Elements describe the essential outcomes.</i>	<i>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.</i>
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1. Plan routine maintenance	<p>1.1 Review routine servicing requirements of site equipment, and prepare maintenance schedules.</p> <p>1.2 Determine and organize tools, equipment and material requirements for maintenance work.</p> <p>1.3 Plan, schedule and communicate maintenance procedures to appropriate personnel.</p> <p>1.4 Assign roles and responsibilities to personnel who hold required skills and expertise</p> <p>1.5 Plan maintenance processes in line with site procedures and environmental requirements, and modify in response to changes in equipment, personnel and site condition.</p>
2. Monitor equipment operation	<p>2.1 Conduct work according to work order.</p> <p>2.2 Check site servicing and maintenance records for completeness and abnormal activity.</p> <p>2.3 Maintain stock levels of routine service items, and minor repair components, to maximise availability and optimum operational performance of equipment.</p> <p>2.4 Monitor equipment operation and identify operating faults and frequent or recurring breakdowns.</p> <p>2.5 Obtain expert advice and specialist assistance when required, according to site procedures.</p> <p>2.6 Review condition of equipment and ensure and efficient operation.</p>
3. Facilitate equipment repair	<p>3.1 Conduct visual inspection and fault finding procedures.</p> <p>3.2 Diagnose and report faults, malfunctions or problems with equipment.</p> <p>3.3 Assess equipment breakdowns and select and organise suitable repairs.</p> <p>3.4 Organise movement of equipment to suitable repair site.</p> <p>3.5 Monitor and modify repair procedures as required.</p> <p>3.6 Periodically review and revise maintenance schedule to maintain operational integrity.</p> <p>3.7 Deal with equipment that cannot be repaired in line with site procedures, manufacturer recommendations and environmental requirements.</p> <p>3.8 Complete and maintain accurate records and reports for equipment repair and maintenance</p>

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:	<ul style="list-style-type: none">• measure and replace fluids.
Reading skills to:	<ul style="list-style-type: none">• read manufacturer's manuals and site procedures
Planning and organising skills to:	<ul style="list-style-type: none">• arrange efficient repairs and minimise disruptions.

Range of Conditions

Not Applicable

Unit Mapping Information

FPICOT3224B Plan and monitor equipment maintenance

Links

Companion Volume implementation guides are found in VETNet -

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