



Australian Government

FWPSS00039 Skill Set for Hydraulic Maintenance of Saw Technology

Release 1

FWPSS00039 Skill Set for Hydraulic Maintenance of Saw Technology

Modification History

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

Description

This skill set reflects the roles of Saw Technicians to inspect, test, maintain and troubleshoot advanced hydraulic systems and components on sawing machine centres.

Pathways Information

These units of competency may provide credit towards FWP31019 Certificate III in Saw Technology. They may also provide pathways to higher level technical qualifications or opportunities to transition into related manufacturing and engineering areas.

Licensing/Regulatory Information

No licensing or certification requirements apply to this skill set at the time of publication.

Skill Set Requirements

An asterisk (*) next to the unit code indicates that there are prerequisite requirements which must be met when packaging the qualification. Please refer to the Prerequisite requirements table for details. All prerequisite units are included in the skill set.

- MEM09002* Interpret technical drawing
- MEM11011* Undertake manual handling
- MEM12023* Perform engineering measurements
- MEM12024* Perform computations
- MEM13003* Work safely with industrial chemicals and materials
- MEM13015 Work safely and effectively in manufacturing and engineering
- MEM14006* Plan work activities
- MEM16006* Organise and communicate information
- MEM18001* Use hand tools
- MEM18002* Use power tools/hand held operations
- MEM18003* Use tools for precision work
- MEM18006* Perform precision fitting of engineering components

- MEM18020* Maintain hydraulic system components
- MEM18021* Maintain hydraulic systems
- MEM18055* Dismantle, replace and assemble engineering components
- MEM18071* Connect and disconnect fluid conveying system components

Prerequisite requirements

Unit of competency	Prerequisite requirement
MEM09002 Interpret technical drawing	MEM12023 Perform engineering measurements MEM12024 Perform computations MEM13015 Work safely and effectively in manufacturing and engineering MEM16006 Organise and communicate information
MEM11011 Undertake manual handling	MEM13015 Work safely and effectively in manufacturing and engineering MEM16006 Organise and communicate information
MEM12023 Perform engineering measurements	MEM13015 Work safely and effectively in manufacturing and engineering MEM16006 Organise and communicate information
MEM12024 Perform computations	MEM13015 Work safely and effectively in manufacturing and engineering MEM16006 Organise and communicate information
MEM13003 Work safely with industrial chemicals and materials	MEM11011 Undertake manual handling MEM13015 Work safely and effectively in manufacturing and engineering MEM16006 Organise and communicate information
MEM14006 Plan work activities	MEM13015 Work safely and effectively in manufacturing and engineering MEM16006 Organise and communicate information
MEM16006 Organise and communicate information	MEM13015 Work safely and effectively in manufacturing and engineering
MEM18001 Use hand tools	MEM11011 Undertake manual handling MEM13015 Work safely and effectively in manufacturing and engineering

	MEM16006 Organise and communicate information
MEM18002 Use power tools/hand held operations	MEM11011 Undertake manual handling MEM13015 Work safely and effectively in manufacturing and engineering MEM16006 Organise and communicate information
MEM18003 Use tools for precision work	MEM11011 Undertake manual handling MEM12023 Perform engineering measurements MEM13015 Work safely and effectively in manufacturing and engineering MEM16006 Organise and communicate information MEM18001 Use hand tools MEM18002 Use power tools/hand held operations
MEM18006 Perform precision fitting of engineering components	MEM09002 Interpret technical drawing MEM11011 Undertake manual handling MEM12023 Perform engineering measurements MEM12024 Perform computations MEM13015 Work safely and effectively in manufacturing and engineering MEM14006 Plan work activities MEM16006 Organise and communicate information MEM18001 Use hand tools MEM18002 Use power tools/hand held operations MEM18003 Use tools for precision work MEM18055 Dismantle, replace and assemble engineering components
MEM18020 Maintain hydraulic system components	MEM09002 Interpret technical drawing MEM11011 Undertake manual handling MEM12023 Perform engineering measurements MEM12024 Perform computations MEM13015 Work safely and effectively in manufacturing and engineering MEM14006 Plan work activities MEM16006 Organise and communicate information MEM18001 Use hand tools

	<p>MEM18002 Use power tools/hand held operations</p> <p>MEM18003 Use tools for precision work</p> <p>MEM18006 Perform precision fitting of engineering components</p> <p>MEM18055 Dismantle, replace and assemble engineering components</p>
<p>MEM18021 Maintain hydraulic systems</p>	<p>MEM09002 Interpret technical drawing</p> <p>MEM11011 Undertake manual handling</p> <p>MEM12023 Perform engineering measurements</p> <p>MEM12024 Perform computations</p> <p>MEM13015 Work safely and effectively in manufacturing and engineering</p> <p>MEM14006 Plan work activities</p> <p>MEM16006 Organise and communicate information</p> <p>MEM18001 Use hand tools</p> <p>MEM18002 Use power tools/hand held operations</p> <p>MEM18003 Use tools for precision work</p> <p>MEM18006 Perform precision fitting of engineering components</p> <p>MEM18020 Maintain hydraulic system components</p> <p>MEM18055 Dismantle, replace and assemble engineering components</p>
<p>MEM18055 Dismantle, replace and assemble engineering components</p>	<p>MEM09002 Interpret technical drawing</p> <p>MEM11011 Undertake manual handling</p> <p>MEM12023 Perform engineering measurements</p> <p>MEM13015 Work safely and effectively in manufacturing and engineering</p> <p>MEM16006 Organise and communicate information</p> <p>MEM18001 Use hand tools</p> <p>MEM18002 Use power tools/hand held operations</p>

MEM18071 Connect and disconnect fluid conveying system components	MEM11011 Undertake manual handling MEM13003 Work safely with industrial chemicals and materials MEM13015 Work safely and effectively in manufacturing and engineering MEM14006 Plan work activities MEM16006 Organise and communicate information MEM18001 Use hand tools
---	--

Target Group

This skill set is for Saw Technicians who inspect, test, maintain and troubleshoot hydraulic systems and components on sawing machine centres to achieve sawing production rates and product tolerances.

Suggested words for Statement of Attainment

These competencies from the *MEM Training Package* meet the industry requirements to conduct hydraulic maintenance of sawing machine centres.