



Australian Government

FWPFRM5007 Process and interpret harvester and forwarder optimisation data

Release: 1

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Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 7.0.

Application

This unit of competency describes the skills and knowledge required to use and apply a software program for processing harvesting and forwarding optimisation data, compatible with Standard for Forest Machine Data and Communication (StanForD), to monitor wood flow planning and production. This unit includes confirming wood flow planning and production data requirements, accessing StanForD compliant data, using software application features to process data and conduct production and wood flow analysis, and generating reports of production and wood flow across sites, machines and time.

The unit applies to individuals who work as foresters, harvesting managers, wood flow coordinators, value recovery coordinators, forestry planners and forestry contractors in a forest or plantation setting.

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

Pre-requisite Unit

Nil

Unit Sector

Forest Resource Management (FRM)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for work	1.1 Confirm availability of computer hardware and software required for task

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<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.2 Check software, hardware and internet access for serviceability 1.3 Confirm functionality of antivirus software and procedures
2. Use software package to process StanForD compatible harvester and forwarder production data	2.1 Open software from a laptop computer, personal computer or network terminal 2.2 Use operator manual and online help function to locate details of software features and instructions for use 2.3 Receive and transfer data files from email to software package 2.4 Confirm wood flow planning and production data requirements according to work order or work instructions 2.5 Access StanForD compliant data according to work requirements and software developer guidelines 2.6 Use software application features to process data according to software developer guidelines and workplace requirements 2.7 Perform routine checks to ensure accuracy of information according to quality requirements
3. Produce and interpret reports of processed harvester and forwarder production data	3.1 Select options for constructing data production and wood flow reports according to software developer guidelines and workplace procedures 3.2 Generate reports of production and wood flow across sites, machines and time using features of software package 3.3 Interpret reports of production and wood flow across sites, machines and time 3.4 Reference data sources according to software developer guidelines and workplace procedures
4. Maintain records	4.1 Maintain archived data according to software developer guidelines and workplace standard procedures 4.2 Maintain hard copy data according to software developer guidelines and workplace standard procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Reading	Read operating procedures, online help and/or software developer instructions
Writing	Enter routine text and technical terms production and wood flow planning reports
Oral communication	Ask questions to clarify data requirements and harvester header, production and wood flow information
Numeracy	Interpret numerical and graphical information related to production and wood flow planning

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPFRM5007 Process and interpret harvester and forwarder optimisation data	Not applicable	The unit has been created to address a skill or task required by industry that is not covered by an existing unit	Newly created

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>