



Australian Government

FWPCOT4216 Plan for and coordinate construction of log landings and snig tracks

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 plan for and coordinate the construction of log landings and snig tracks in a forest or farm forest setting.

The unit applies to individuals involved in planning and supervising the construction of log landings and snig tracks as part of forestry operations.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety regulations, legislation and standards that apply to the workplace.

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

Pre-requisite Unit

Nil

Unit Sector

Common Technical (COT)

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. Identify landing and recovery requirements	1.1 Gather information on the workplace health and safety and regulatory requirements, standards and codes of practice for the planning, construction and operation of landings and snig tracks 1.2 Obtain and assess information on logging methods, topography

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	and environmental management considerations for site 1.3 Identify landing location and construction requirements from harvest plan, and inspect site to assess factors affecting operations 1.4 Identify timeframe for use of site and likely weather conditions 1.5 Determine log extraction methods and storage requirements for landings, roads, tracks, equipment placement, falling and recovery rates and delivery schedules
2. Plan for landings and snig tracks construction	2.1 Confirm specific landing site size and level from harvest plan meet operational requirements, optimise construction time and minimise environmental damage 2.2 Confirm type, number and location of snig tracks from harvest plan optimise track clearing and construction time and log handling capacity, and minimise environmental damage 2.3 Locate track and road entry points to landing according to harvest plan, log handling procedures, vehicle and equipment access, turning and loading space requirements 2.4 Verify landing and track provide for available equipment and access for construction 2.5 Confirm requirements for restoration of land on completion of operations
3. Coordinate landing and track development	3.1 Communicate approved landing and snig track construction plan to contractors and site personnel 3.2 Develop operational procedures for tracks and landings with contractors and site personnel 3.3 Provide technical assistance to contractors and site personnel for construction of landing and tracks 3.4 Monitor construction of landing and tracks 3.5 Review and modify plan to account for unexpected ground, water, vegetation or other environmental conditions

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	Interpret complex and unfamiliar regulatory and environmental information
Writing	- Document detailed and accurate plans for landings and snig tracks - Develop and document operational procedures using language easily understood by contractors and site personnel
Oral communication	- Provide clear and unambiguous instructions to site personnel - Ask open and closed questions and actively listen to clarify issues with contractors and site personnel
Numeracy	Complete complex calculations involving rates of extraction, height, length, weight, vehicle turning and loading space to determine size and capacity of snig tracks

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPCOT4216 Plan for and coordinate construction of log landings and snig tracks	FWPHAR4203 Design log landings and snig tracks	Revised title Updated Elements and Performance Criteria Revised Foundation Skills Revised Performance Evidence Revised Assessment Conditions to comply with Standards for Training Packages	Not equivalent

Links

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