



Australian Government

FWPCOT3316 Transport forestry produce using trucks

Release: 1

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Modification History

Release	Comments
Release 1	This version released with FWP Forest and Wood Products Training Package Version 6.0.

Application

This unit of competency describes the skills and knowledge required to drive trucks to and from forestry harvesting sites, facilitate loading and unloading, and deliver forestry produce to its destination. Produce could include bark, wood shavings, wood chips and biofuel materials.

The unit applies to individuals who transport forestry produce by driving heavy vehicles in a variety of work settings, including forest environments, log dumps, saw mills, wood chip mills, veneer mills, and board/plywood mills.

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

Licensing requirements apply to this unit. Users are advised to check with the relevant regulatory authority.

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. Prepare to transport forestry produce	1.1 Determine job requirements from work order and schedules and, where required, seek clarification from appropriate personnel 1.2 Confirm safety and environmental protection requirements for the task according to workplace procedures and chain of responsibility

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	obligations 1.3 Identify, assess and take actions to mitigate risks and hazards associated with driving trucks according to regulatory requirements and industry code of practice 1.4 Obtain coupe map to identify forest harvesting site, truck entry, access and exit tracks and loading areas 1.5 Determine required truck configuration to meet work order and load requirements, and confirm availability of truck and ancillary equipment 1.6 Participate in audits of loads for compliance with regulatory requirements for driving hours, load limits and dimensions as required 1.7 Consult and maintain communication with team members and other appropriate personnel to ensure that work is coordinated effectively with others in the workplace 1.8 Select, fit and use personal protective equipment 1.9 Conduct pre-start-up checks, and load restraint equipment according to workplace procedures 1.10 Tag out and report any observed component wear or failure to the appropriate person for repair or replacement
2. Plan route	2.1 Obtain coupe map to select route and coupe entry and exits points, ensuring efficient, safe and legal produce movement and minimal environmental damage 2.2 Confirm selected route complies with height, width and load limits of road infrastructure and environmental constraints 2.3 Estimate time required to transport produce, and account for fatigue management guidelines 2.4 Confirm route, timings and coupe entry and exit points with appropriate personnel
3. Load forestry produce	3.1 Access site and determine safe manoeuvring approach for loading area with worksite personnel 3.2 Position truck to avoid site and equipment hazards and to maximise load safety and security while loading 3.3 Communicate with worksite personnel and machine operators to ensure safe loading location and processes and that load meets transport regulatory requirements

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	3.4 Monitor loading and complete final check to ensure safe transport 3.5 Secure load with sufficient number and type of securing devices according to loading guidelines and transport regulatory requirements
4. Transport forestry produce	4.1 Transport forestry produce on planned or modified route, considering conditions, road surfaces and fatigue management practices 4.2 Monitor condition of tracks and roads, and report unexpected ground, water, vegetation and other environmental conditions to appropriate personnel 4.3 Drive truck legally and safely using primary and subsidiary controls appropriate to conditions 4.4 Monitor truck gauges and warning devices to detect and respond to operating faults and ensure operational safety 4.5 Communicate with other drivers and road users to inform location and potential hazards 4.6 Conduct periodic load safety checks and realign load according to road conditions and regulatory requirements 4.7 Keep communication channels open to ensure location is known at all times to allow for emergency assistance
5. Unload forestry produce	5.1 Complete site inductions and establish safe manoeuvring approach for unloading area with worksite personnel 5.2 Follow site personnel directions to manoeuvre and park truck to avoid site and equipment hazards 5.3 Shut down and secure truck in identified safe unloading zone 5.4 Release load securing devices and unload forestry produce according to site safe unloading procedures 5.5 Make truck, trailer and ancillary equipment safe for return journey to coupe 5.6 Record and report forestry produce shifting process and truck operating faults to appropriate personnel

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 routine workplace health and safety instructions and signage to determine requirements
Writing	Use technical and workplace specific vocabulary to accurately and legibly complete workplace records and forms
Oral communication	- Ask questions and actively listen to clarify contents of workplace documentation - Give clear and sequenced information and ask clarifying questions when coordinating tasks with team members and others
Numeracy	- Complete calculations against regulatory specifications of heights, widths and weights of loads and transportation distances, times and rest periods - Interpret truck gauges and warning devices - Record numerical data involving distances, times, weights and dimensions

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FWPCOT3316 Transport forestry produce using trucks	FWPCOT3262 Transport forestry produce using trucks	Clarified Application Added new Performance Criteria Updated Foundation Skills, Performance Evidence and Assessment Conditions	Equivalent

Links

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

Assessment Requirements for FWPCOT3316 Transport forestry produce using trucks

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Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has:

- planned and completed all activities associated with forest produce haulage according to an individual work order and transport schedule prescribing different load quantities, coupe locations and destinations for each job, on three occasions
- completed reports on the forest produce haulage, near miss incidents and truck operating faults for each haulage operation.

In conducting this work, the individual has followed workplace policies and procedures, current workplace health and safety legislation, regulations and related industry standards and codes of practice applicable to transporting forestry produce using trucks.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- purpose and content of applicable Commonwealth, state or territory transport regulations for driving heavy forestry produce vehicles, with particular emphasis on load limits, allowable dimensions, driving hours, fatigue management and required rest breaks
- applicable fall from heights regulations and compliance requirements
- environmental protection practices relevant to driving heavy forestry produce trucks to minimise:
 - fuel consumption
 - emissions
 - noise
 - damage to soil, water and other aspects of habitat
- key features of these varying environmental conditions and effects on driving heavy forestry produce trucks:
 - sealed and unsealed roads and tracks

- ground slope
- ground hazards and obstacles
- wind and dust
- fog and rain
- typical safety hazards present at loading and unloading facilities, and methods used to minimise associated risks
- methods used to:
 - plan time-efficient routes and schedules to comply with regulations and environmental considerations
 - safely load, restrain and unload forestry produce
- features, capabilities and capacities of forestry produce trucks and trailers
- purpose, features and safe operation of equipment used to load, unload and transport forestry produce:
 - load securing devices
 - communication equipment
- workplace procedures specific to transporting, loading and unloading forestry produce:
 - workplace health and safety, with particular emphasis on rest breaks and use of personal protective equipment (PPE)
 - communication reporting lines
 - recording and reporting forestry produce shifting processes and truck operating faults.

Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in the workplace on a heavy log track or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - trucks and trailers suitable for transporting forest produce
 - load securing and overhang warning devices suitable for transporting forest produce
 - supply of forest produce
 - communication equipment
 - PPE required in forest produce haulage operations
- specifications:
 - access to work order or instruction detailing the forest produce haulage activity to be conducted by operator
 - access to workplace safety and environmental policies and procedures applicable to forest produce haulage operations
 - access to workplace procedures and forms for recording forest produce haulage information.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

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