



Australian Government

Assessment Requirements for FWPCOT3315 Transport forestry logs 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.

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 log haulage according to an individual work order and transport schedule of one mixed small load of logs and one similar large load of logs
- completed reports on the log 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 logs 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 logging 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 logging trucks to minimise:
 - fuel consumption
 - emissions
 - noise
 - damage to soil, water and other aspects of habitat
- key features of site conditions and effects on driving heavy logging trucks:
 - sealed and unsealed roads and tracks
 - ground slope
 - ground hazards and obstacles

- wind and dust
- fog and rain
- common safety hazards and risks associated with log haulage as outlined in industry code of practice methods used to assess vehicle condition and complete pre-start checks
- load construction practices used to eliminate or minimise risks as outlined in industry code of practice:
 - stanchion engagement and/or containment to prevent log loss in the event of limited load movement
 - load crowning and its relationship to load restraint
 - distribution of butts within the load and the effect on the load restraint and vehicle stability
 - distribution of weight across the load and the effect on the load restraint and vehicle stability
 - maximum permissible dimensions and masses including combination and axle
 - debris management and prevention of on-road projectiles
- load restraint practices used to eliminate or minimise risks as outlined in industry code of practice:
 - National Regulation Performance Standards for heavy vehicles (mass, dimension and loading) and their relationship to load restraint
 - principles of clamping and blocking for restraint
 - typical capacity and selection of load restraint systems
 - application of restraint required
 - effective use of blocking systems
- heavy vehicle stability and control practices used to eliminate or minimise risks as outlined in the industry code of practice:
 - evaluation of Static Roll Threshold and adjustment of load centre of gravity
 - assessment of vehicle condition
 - identification of hazardous driving conditions and/or environmental limitations and risk mitigation techniques
 - advantages of vehicle monitoring systems and how to operate them
- methods used to plan time-efficient routes and schedules to comply with regulations and environmental considerations
- features, capabilities and capacities of logging trucks and trailers:
 - rigid or articulated log trucks
 - semi-trailers
 - jinkers
 - quad-dogs
 - B doubles
 - two-bay skeletal trucks
- purpose, features, performance and safe operation of equipment:

- load restraint equipment, including stanchions, bolsters, grip plates, blocking systems, cab guards, lashings, automatic lashing tensioning systems, manual lashing tensioning systems
- active vehicle monitoring systems
- passive vehicle monitoring systems
- overhang warning devices, including flags, lights, reflectors and signs
- communication equipment, including two-way radio and hands-free mobile phones
- workplace procedures specific to transporting, loading and unloading logs:
 - workplace health and safety, with particular emphasis on rest breaks, emergency response procedures and use of personal protective equipment (PPE)
 - communication reporting lines
 - recording and reporting log haulage processes, near miss incidents 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:
 - log trucks and trailers suitable for transporting logs
 - load restraint equipment and overhang warning devices suitable for transporting logs
 - supply of logs for mixed small load of logs and similar large load of logs
 - communication equipment
 - PPE required in log haulage operations
- specifications:
 - access to work order or instruction detailing the log haulage activity to be conducted by operator
 - access to workplace safety and environmental protection policies and procedures applicable to log haulage operations
 - access to workplace procedures and forms for recording log haulage information.

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

Links

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