



Australian Government

Assessment Requirements for FWPCOT4220 Plan for and coordinate log loading and haulage operations

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.

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 coordinated one log loading and haulage operation to enable the movement of logs from a native forest or plantation to a processing facility, including:

- verified and confirmed that access and landing area meet requirements for log loading
- selected log haulage route according to regulatory requirements and vehicle and load characteristics
- verified that selected vehicle is suitable for the haulage task
- supervised log loading and haulage operations to ensure drivers followed the onsite traffic management plan, fatigue management plan, standards for safe load limits and load restraint methods and vehicle maintenance procedures, as well as practices for minimising environmental impact of loading and haulage operations
- established, assessed and reported outcomes of a near miss reporting system for drivers.

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:

- log loading and haulage regulations and codes of practice
- factors to consider in checking access and landing areas:
 - minimise risk of vehicle collisions
 - maximise vehicle stability
 - maximise the effectiveness of on-board mass management systems such as load scales
 - ensure loading areas have surfaces that provide a stable area for loading of vehicles
 - cross fall slope of landings and log loading areas
 - maximise the ability of the loader and driver to inspect the load configuration to ensure load restraint and load dimensions are correct

- factors to consider in scheduling and routing:
 - mass and dimension of load
 - fatigue
 - correct matching of vehicle class, configuration, length and roadway permitting
 - permissible Gross Vehicle Mass (GVM)
 - Restricted Access Vehicles (RAV) network
- risks associated with scheduling and routing:
 - weather conditions
 - changes in log dimensions
 - frequency of vehicles accessing the route
 - speed
 - fatigue
 - availability of locations to inspect load conditions
 - community activity on intended route
- types, features and functions of on-board mass management systems
- near miss and incident reporting systems
- uses of near miss and incident data
- fatigue management guidelines
- procedures for:
 - determining appropriate vehicle for haulage task
 - vehicle maintenance
 - safe loading and unloading
 - moving freight containers
 - restraining loads
 - load audits
- vehicle capabilities and capacities
- load restraint standards and techniques
- mathematical procedures for calculating load sizes, estimating and recording weights, load restraint requirements, and work and rest times.

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 a forest work environment or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - requirements for a log loading and haulage operation
 - computing hardware and software for documenting plans and reports related to log loading and haulage operations

- reference materials, including harvest plan, topographic maps, road maps, haulage vehicle configuration, fatigue management and near miss and incident data
- access to site for log loading and haulage operation
- crew and infrastructure for log loading operation
- specifications:
 - access to workplace standards, policies and procedures for log loading and haulage operations
 - access to commonwealth, state, territory or local government regulations and codes of practice relevant to log loading and haulage operations
 - access to workplace health and safety policies and procedures applicable to log loading and haulage operations.

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>