



Australian Government

Assessment Requirements for FWPHAR3235 Conduct mechanically assisted tree falling 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 used machinery, winches and cables to push or pull one tree away from the natural direction of fall.

In undertaking this activity, the individual has:

- prepared, planned and carried out mechanically assisted pushing and pulling operations to fall one tree
- assessed site and tree conditions and planned to work safely
- complied with safety and environmental requirements including use of personal protective equipment (PPE)
- followed work plan for conducting mechanically assisted tree falling operations
- used cutting equipment safely, including saws and chainsaws, along with procedures for chainsaw lock-out
- directed pulling or pushing equipment safely, including excavators, winches and grabs
- planned cutting sequence to control the direction that tree falls and minimise damage to tree, equipment and surrounding environment
- established communication with other personnel and monitored their movements to maintain safety on site
- used and maintained pushing and pulling tools, machinery and equipment
- conducted operator maintenance on a chainsaw.

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:

- commonwealth, state or territory legislation, regulations, standards, codes of practice and established safe practices relevant to the full range of processes for conducting mechanically assisted tree falling operations

- environmental protection requirements, including the safe disposal of waste material and the cleaning of plant, tools and equipment
- risks and hazards associated with mechanically assisted tree falling operations
- characteristics of trees and timber defects
- workplace standards, requirements, policies and procedures for conducting mechanically assisted tree falling operations
- tree pushing or pulling methods
- chainsaw operation, cutting sequences and safety
- procedures for condition assessment of chainsaw chain and tree pushing or pulling equipment
- types of tools and equipment used in mechanically assisted tree falling operations, and procedures for their safe use, operation and maintenance
- procedures for recording and reporting workplace records and information
- workplace health and safety requirements, fire protocols and emergency evacuation procedures.

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 or wood products work environment or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - site with trees that can be felled away from their natural direction of fall
 - chainsaws, machinery or winches and cables to push or pull trees, and consumable materials used in mechanically assisted tree falling operations
 - PPE required for conducting mechanically assisted tree falling operations
- relationships
 - work team and other personnel in proximity to work site
- specifications:
 - workplace health, safety and environmental policies and procedures applicable to conducting mechanically assisted tree falling operations
 - workplace procedures related to conducting mechanically assisted tree falling operations
 - manufacturer manual for chainsaw.

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>

