



Australian Government

Assessment Requirements for FWPHAR3213 Conduct mechanically assisted tree falling operations

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPI HAR3213B Conduct mechanically assisted tree falling operations, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2. This is the first release of this unit in the new standards format. Assessment requirements now specify the performance and knowledge evidence, as well as assessment conditions for this unit of competency. These sections simplify and replace components used in the previous unit format, including Required Skills and Knowledge, Evidence Guide and Range Statement.

Performance Evidence

- A person demonstrating competency in this unit must satisfy all of the elements, performance criteria and foundation skills of this unit. If a specific volume or frequency is not stated below, then evidence must be provided that the following requirements have been performed on at least one occasion:
- prepare, plan, carry out mechanically assisted pushing and pulling operations to fall trees
- assess site and tree conditions and plan to work safely
- follow work plan for conducting mechanically assisted tree felling operations
- use cutting equipment safely including saws and chainsaws along with procedures for chainsaw lock-out
- use pulling or pushing equipment safely including excavators, winches and grabs
- plan cutting sequence to control the direction that trees fall and minimise damage to tree, equipment and surrounding environment
- establish communication with other personnel and monitor their movements to maintain safety on site
- use and maintain pushing and pulling tools, machinery and equipment
- conduct operator maintenance on a chainsaw.

Knowledge Evidence

A person competent in this unit must be able to demonstrate knowledge of:

- workplace requirements and site standards for carrying out mechanically assisted tree falling operations
- environmental protection requirements
- operational procedures and checks including start-up and shut-down procedures

- established communication channels and protocols to maintain safety
- tree pushing and pulling methods
- processes for managing risks and hazards associated with tree falling operations
- knowledge of defects in trees that can effect processing and cause risk
- chainsaw operation, cutting sequences and safety
- chainsaw chain and tree pushing or pulling equipment condition assessment and maintenance
- workplace health and safety requirements, fire protocols and emergency evacuation procedures.

Assessment Conditions

The following resources must be made available:

- machinery, winches and cables to push or pull trees
- site with trees that can be felled away from their natural direction of fall
- work order, workplace requirements and site standards for conducting mechanically assisted tree falling operations
- personal protective equipment for conducting mechanically assisted tree felling operations including:
 - safety helmet
 - safety gloves
 - protective footwear
 - eye protection
 - hearing protection
 - high visibility clothing
 - leg protection (trousers or chaps)

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessor requirements

Assessors must:

- hold the appropriate assessor competency standards as outlined in regulations; and
- be able to demonstrate vocational competencies at least to the level being assessed; and
- be able to demonstrate how they are continuing to develop their VET knowledge and skills as well as maintaining their industry currency and assessor competence.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>