



**Australian Government**

# **Assessment Requirements for FWPHAR4203 Design log landings and snig tracks**

**Release: 1**

# Assessment Requirements for FWP HAR4203 Design log landings and snig tracks

## Modification History

Release	Comment
1	<p>Replaces equivalent unit FPI HAR4203B Design log landings and snig tracks, 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.</p> <p>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.</p>

## 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:

- designing log landings and snig tracks in line with regulatory requirements, the work order and within prescribed organisational tolerances
- planning the layout of the landing and snig tracks in line with site conditions
- coordinating the development of the landing and snig tracks
- design and coordinate the development of these types of snig tracks:
  - emergency escape routes
  - equipment access tracks
  - hauling tracks
  - vehicular tracks

## Knowledge Evidence

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

- content and application of applicable commonwealth, state, territory or local government regulations for the design, construction and operation of landings and snig tracks
- cable log recovery operations and log extraction methods
- key features of these varying environmental conditions and effects on the design and construction of landings and snig tracks:

- fallen trees
- general forest lean
- ground growth
- ground hazards and obstacles
- ground slope
- density of trees
- wet and adverse weather conditions
- environmental protection practices for forest and forest farm settings:
  - minimising temporary, short-term, long-term and permanent damage to natural vegetation and landscape
  - soil and water protection
  - returning the environment to its original or near to original condition on completion of operations
- purpose, features and operational requirements of these types of snig tracks:
  - emergency escape routes
  - equipment access tracks
  - hauling tracks
  - vehicular tracks
- purpose, features and operational requirements of:
  - landings
  - vehicles and equipment used on landings and snig tracks
- processes for:
  - designing and coordinating the development of landings and snig tracks
  - determining the most time and cost effective plan for construction
- typical industry chain of command for communication of information, instruction and technical advice
- organisational standards, policies and procedures for the design, construction and operation of landings and snig tracks:
  - workplace health and safety specific to the use of landings and snig tracks
  - environmental protection
  - documenting designs for landings and snig tracks
  - recording and reporting the design and implementation process.

## Assessment Conditions

The following resources must be made available:

- computers and software programs used for documenting designs for landings and snig tracks
- applicable commonwealth, state, territory or local government regulations for the design, construction and operation of landings and snig tracks
- harvest plan for the site

- topographic maps for the site
- template design plans for landings and snig tracks
- template reports for recording the design and implementation process
- organisational standards, policies and procedures for the design, construction and operation of landings and snig tracks.

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>