



Australian Government

Assessment Requirements for FWPHAR3206 Conduct forwarder operations

Release: 1

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Modification History

Release	Comment
1	<p>Replaces equivalent unit FPIHAR3206C Conduct forwarder 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.</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:
- plan, prepare and carry out forwarder operations to safely and efficiently segregate and stack logs
- safely and effectively load, transport and unload logs
- maintain log stacks by:
 - providing for anticipated stock levels
 - assessing stock rotation requirements
 - assessing size
 - segregation of lengths, species and grades
- follow work order and site requirements for conducting forwarder operations
- operate forwarder safely and effectively within equipment capabilities and limitations
- determine capacity and limitations of equipment by considering:
 - efficient and safe operating speed
 - duration of operation
 - type of activities performed
 - weight and/or load limitations
 - operating limitations
- adjust operating techniques in response to site conditions
- establish communication with other personnel and monitor their movements to maintain safety on site
- conduct pre and post operational checks, routine cleaning and operational servicing of equipment
- record and report operational and maintenance activities.

Knowledge Evidence

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

- workplace requirements and site standards for carrying out forwarder operations
- environmental protection measures which limit the impact of:
 - general forest lean
 - wind speed and direction
 - fallen trees
 - density of trees
 - ground slope
 - ground hazards
 - obstacles
- operational procedures and checks including start-up and shut-down procedures
- established communication channels and protocols to maintain safety
- processes for managing risks and hazards associated with forwarder operations including:
 - uneven/unstable terrain
 - trees
 - fires
 - overhead and underground services
 - bridges
 - buildings
 - excavations
 - traffic
 - embankment
 - cuttings
 - structures and hazardous materials
- operating and maintaining forwarder, attachments and ancillary equipment, in line with manufacturer's instructions
- workplace health and safety requirements, fire protocols and emergency evacuation procedures
- procedures for recording and reporting forwarder operations and maintenance.

Assessment Conditions

The following resources must be made available:

- forwarder (wheeled or half-track with blade attachment)
- a site with logs to be process
- personal protective equipment required for conducting forwarder operations
- work order containing instructions for the operation of a forwarder and its respective tasks including logs to be handled, workplace requirements and site standards for carrying out forwarder operations
- relevant personnel for the purposes of communicating information

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 Guide -

<http://www.skillsimpact.com.au/forestry-and-timber/skills-standards-and-qualifications/>