



Australian Government

FWPHAR3217 Conduct skidder operations

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPIHAR3217A Conduct skidder operations, which was first released with FPI11 Forest and Forest Products Training Package Version 1. This is the first release of this unit in the new standards format.

Application

This unit of competency describes the outcomes required to conduct skidder operations to haul timber over rough terrain, from the forest to the landing. It includes planning and preparation for work, conducting operational checks, the safe and effective operation of the skidder for a range of mandatory tasks, the use of attachments and operator maintenance activities.

The unit applies to those who conduct skidder operations in a forest environment.

Licensing, legislative, regulatory, or certification requirements apply to this unit in some states and territories at the time of publication, and may differ according to jurisdiction.

Pre-requisite Unit

Nil

Unit Sector

Harvesting and Haulage

Elements and Performance Criteria

<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions.</i>
1. Plan and prepare for skidder operations	1.1 Review work order and clarify with appropriate personnel. 1.2 Assess type and quantity of material to be processed with skidder. 1.3 Select equipment appropriate to work requirements and check for operational effectiveness. 1.4 Plan skidder operations in line with site procedures and environmental and heritage concerns.

2. Operate skidder and attachments	2.1 Establish and maintain communication with relevant personnel. 2.2 Carry out pre-operational checks on skidder. 2.3 Detect site hazards associated with skidder operations and plan safe operating techniques to minimise risk. 2.4 Establish method to keep logs balanced and controlled during haul. 2.5 Select lifting or towing gear, attach and use in line with safe working load requirements and site conditions. 2.6 Use controls effectively and adjust operating techniques to achieve optimum efficiency in moving load. 2.7 Haul logs to landing site safely and effectively, using hand and audible signals in line with site procedures.
3. Carry out machine operator maintenance	3.1 Park and shut-down skidder in line with site procedures. 3.2 Conduct visual inspection to identify issues and faults. 3.3 Remove and replace defective parts in line with manufacturer's recommendations. 3.4 Clean, check and carry out routine maintenance tasks on skidder and attachments. 3.5 Clean work area and dispose of, or recycle waste materials, in line with site environmental management plan. 3.6 Record and report skidder operations and maintenance activities, in line with site procedures.

Foundation Skills

This section describes those core and employment skills that are essential to performance and are not explicit in the performance criteria.

Numeracy skills to	estimate loads to be moved in line with capacity of equipment.
Problem solving skills to:	identify and resolve equipment issues and faults.

Range of Conditions

Not Applicable

Unit Mapping Information

FPIHAR3217A Conduct skidder operations.

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for FWPHAR3217 Conduct skidder operations

Modification History

Release	Comment
1	Replaces equivalent unit FPIHAR3217A Conduct skidder 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:

- safely operate a skidder with attachments to move timber to a designated site
- use lifting or towing gear including grapples, cables and winches
- follow organisational policies and procedures for effectively operating a skidder
- communicate effectively with others in the work area
- carry out routine maintenance on skidder
- record and report skidder operations and maintenance activities.

Knowledge Evidence

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

- workplace requirements and standards for operating a skidder
- environmental protection requirements
- operational procedures and checks including start-up and shut-down procedures
- equipment processes, technical capability and limitations
- skidder attachments and capabilities
- established communication channels and protocols to maintain safety
- processes for managing risks and hazards associated with hauling operations:
 - uneven/unstable terrain
 - trees

- fires
- overhead and underground services
- bridges
- buildings
- excavations
- traffic
- embankments
- cuttings
- structures and hazardous materials
- workplace health and safety requirements, fire protocols and emergency evacuation procedures
- procedures for recording and reporting workplace records and information.

Assessment Conditions

The following resources must be made available:

- cable or grapple skidder
- trees to be moved
- personal protective equipment required for conducting skidder operations
- work order, workplace requirements and site standards for conducting skidder 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

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