



Australian Government

FWPHAR3216 Conduct forestry operations using crawler tractor

Release: 1

FWPHAR3216 Conduct forestry operations using crawler tractor

Modification History

Release	Comment
1	Replaces equivalent unit FPIHAR3216A Conduct forestry operations using a crawler tractor, 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 forestry operations using a crawler tractor, including planning and preparation for work, conducting operational checks, the safe and effective operation of the crawler for a range of mandatory tasks, the use of attachments and operator maintenance activities.

The unit applies to those who conduct forestry operations using crawler tractor 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 crawler operation	1.1 Identify and follow WHS, environmental, legal and organisational requirements for conducting forestry operations using a crawler tractor. 1.2 Review work order and clarify with appropriate personnel. 1.3 Assess type and quality of material to be moved with a crawler and

	identify defects that present safety issues. 1.4 Select equipment appropriate to work requirements and check for operational effectiveness. 1.5 Plan crawler operations in line with site procedures and site environmental and heritage concerns.
2. Operate crawler	2.1 Establish and maintain communication with relevant personnel. 2.2 Carry out equipment pre start-up checks are in line with manufacturer's recommendations and site procedures. 2.3 Carry out safe, efficient and effective crawler operations to meet specifications in work order.
3. Carry out machine operator maintenance	3.1 Check crawler controls and functions, including implements or other attachments, brakes and manoeuvrability for serviceability and rectify any faults. 3.2 Record and report crawler operations and maintenance activities.

Foundation Skills

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

Reading skills to:	interpret site requirements, environmental information and manufacturer's instructions.
Problem solving skills to:	identify and resolve equipment issues and faults.

Range of Conditions

Not Applicable

Unit Mapping Information

FPIHAR3216A Conduct forestry operations using crawler tractor.

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 FWPHAR3216 Conduct forestry operations using crawler tractor

Modification History

Release	Comment
1	Replaces equivalent unit FPIHAR3216A Conduct forestry operations using crawler tractor, 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 crawler tractor to carry out forestry operations efficiently and effectively
- following organisational policies and procedures relevant to conducting forestry operations using crawler tractor
- communicate effectively and work safely with others in the work area
- carry out routine maintenance on tractor crawler.

Knowledge Evidence

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

- workplace requirements and standards for operating a crawler tractor
- environmental protection requirements
- operational procedures and checks including start-up and shut-down procedures
- equipment processes, technical capability and limitations
- crawler operation techniques, attachments and capabilities
- problem solving strategies to identify problems and equipment faults and rectify
- procedures for recording and reporting workplace activities and information.

Assessment Conditions

The following resources must be made available:

- wheeled or tracked crawler tractor fitted with attachment fitted at the front-end
- site to conduct crawler forestry operations
- personal protective equipment required for crawler tractor operations
- work order, workplace requirements and site standards for conducting operations using a crawler.

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>