



**Australian Government**

# **FWPHAR3216 Conduct forestry operations using crawler tractor**

**Release: 1**

# FWPHAR3216 Conduct forestry operations using crawler tractor

## Modification History

| Release | Comment                                                                                                                                                                                                                                                                |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | <p>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.</p> <p>This is the first release of this unit in the new standards format.</p> |

## 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        | <p>1.1 Identify and follow WHS, environmental, legal and organisational requirements for conducting forestry operations using a crawler tractor.</p> <p>1.2 Review work order and clarify with appropriate personnel.</p> <p>1.3 Assess type and quality of material to be moved with a crawler and identify defects that present safety issues.</p> <p>1.4 Select equipment appropriate to work requirements and check for operational effectiveness.</p> <p>1.5 Plan crawler operations in line with site procedures and site environmental and heritage concerns.</p> |
| 2. Operate crawler                               | <p>2.1 Establish and maintain communication with relevant personnel.</p> <p>2.2 Carry out equipment pre start-up checks are in line with manufacturer's recommendations and site procedures.</p> <p>2.3 Carry out safe, efficient and effective crawler operations to meet specifications in work order.</p>                                                                                                                                                                                                                                                             |
| 3. Carry out machine operator maintenance        | <p>3.1 Check crawler controls and functions, including implements or other attachments, brakes and manoeuvrability for serviceability and rectify any faults.</p> <p>3.2 Record and report crawler operations and maintenance activities.</p>                                                                                                                                                                                                                                                                                                                            |

## 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:                                                                                                                          | <ul style="list-style-type: none"> <li>interpret site requirements, environmental information and manufacturer's instructions.</li> </ul> |
| Problem solving skills to:                                                                                                                  | <ul style="list-style-type: none"> <li>identify and resolve equipment issues and faults.</li> </ul>                                       |

## **Range of Conditions**

Not Applicable

## **Unit Mapping Information**

FPIHAR3216A Conduct forestry operations using crawler tractor.

## **Links**

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