



**Australian Government**

# **FWPCOT3327 Contribute to energy efficiency in the forest and wood products industry**

**Release: 1**

# FWPCOT3327 Contribute to energy efficiency in the forest and wood products industry

## Modification History

| Release   | Comments                                                                              |
|-----------|---------------------------------------------------------------------------------------|
| Release 1 | This version released with FWP Forest and Wood Products Training Package Version 7.0. |

## Application

This unit of competency describes the skills and knowledge required to apply energy efficient work practices and contribute to improved energy use in the forest and wood products industry.

The unit applies to individuals working in a broad range of roles and operations in all sectors of the forest and wood industry.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety regulations, legislation and standards that apply to the workplace.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

## Pre-requisite Unit

Nil

## Unit Sector

Common Technical (COT)

## Elements and Performance Criteria

| Elements                                                                   | Performance Criteria                                                                                                                                  |
|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Elements describe the essential outcomes.</i>                           | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>                                                |
| 1. Identify the importance of energy efficiency in forest or wood products | 1.1 Access workplace energy efficiency policies and procedures<br>1.2 Identify benefits of energy efficiency to the forest and wood products industry |

| Elements                                                                             | Performance Criteria                                                                                                                                                                    |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Elements describe the essential outcomes.</i>                                     | <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>                                                                                  |
| operations                                                                           | 1.3 Apply life-cycle analysis to compare benefits of using wood products to other materials and promote outcomes to internal and external clients                                       |
| 2. Apply energy efficient work practices in forest or wood products operations       | 2.1 Follow workplace energy efficiency policy and procedures, including those related to recycling and waste management<br>2.2 Monitor own work practices to optimise energy efficiency |
| 3. Identify opportunities to reduce energy use in forest or wood products operations | 3.1 Participate in workplace reviews of energy use<br>3.2 Identify ways of improving energy efficiency in the workplace and report to appropriate personnel                             |

## Foundation Skills

*This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.*

| Skill              | Description                                                                                                                                                       |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reading            | <ul style="list-style-type: none"> <li>Read industry literature on innovative energy efficiency policies, procedures and work practices</li> </ul>                |
| Writing            | <ul style="list-style-type: none"> <li>Complete forms and surveys related to energy use in the workplace</li> </ul>                                               |
| Oral communication | <ul style="list-style-type: none"> <li>Apply effective oral communication skills to inform colleagues and respond to questions about energy efficiency</li> </ul> |
| Numeracy           | <ul style="list-style-type: none"> <li>Interpret basic graphical information to monitor energy use in the workplace</li> </ul>                                    |

## Unit Mapping Information

| Code and title current version     | Code and title previous version | Comments                                   | Equivalence status |
|------------------------------------|---------------------------------|--------------------------------------------|--------------------|
| FWPCOT3327<br>Contribute to energy | FWPCOT3263<br>Maintain and      | Updated unit title<br>Reviewed Application | Equivalent         |

|                                                     |                                 |                                                                                                                                                                              |  |
|-----------------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| efficiency in the forest and wood products industry | contribute to energy efficiency | Statement<br>Reworded Elements and Performance Criteria<br>Updated Foundation Skills<br>Updated Knowledge Evidence<br>Updated Performance Evidence and Assessment Conditions |  |
|-----------------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

## Links

Companion Volumes, including Implementation Guides, are available at VETNet: -  
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509ff8d3d47>

# Assessment Requirements for FWPCOT3327 Contribute to energy efficiency in the forest and wood products industry

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## Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has:

- applied two different energy efficient work practices in performing routine work tasks related to forest or wood products operations
- participated in one workplace review of energy use and made one suggestion for improving energy efficiency in the workplace.

## Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- workplace standards, requirements, policies and procedures on energy efficiency that are applicable to forest or wood products operations
- environmental protection requirements related to forest or wood products operations, including the safe disposal of waste material and workplace recycling, recovery and waste management procedures
- workplace communication channels, protocols and procedures used in forest or wood products operations
- life cycle analysis of forest and wood products
- benefits of forest and wood products compared to other materials in terms of energy efficiency
- strategies for communicating the benefits of wood products over other materials to internal and external clients.

## Assessment Conditions

Assessment of the skills in this unit of competency must take place under the following conditions:

- physical conditions:
  - skills must be demonstrated in a forest and wood products industry workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
  - industry literature on energy use, energy efficiency and energy efficient work practices
- specifications:
  - workplace environmental policies and procedures applicable to energy use and efficiency in the workplace
  - workplace procedures on energy use and energy efficient work practices.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

## Links

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