



**Australian Government**

# **PPMRES270 Unload materials**

**Release: 1**

## PPMRES270 Unload materials

### Modification History

| Release | Comment                                                                                                                                                                                                                                        |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | Replaces superseded equivalent FPPRES270A Unload materials, which was first released with FPP10 Pulp and Paper Manufacturing Industry Training Package Version 1.0.<br><br>This is the first release of this unit in the new standards format. |

### Application

This unit of competency describes the outcomes required to unload, sort and store materials, in the pulp and paper industry.

The unit applies to production support operators who unload and store materials, in a pulp or paper manufacturing facility.

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

### Pre-requisite Unit

Nil

### Competency Field

### Unit Sector

Pulp and Paper Manufacturing

### Elements and Performance Criteria

| ELEMENTS                                  | PERFORMANCE CRITERIA                                                                                                                                                                                           |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Elements describe the essential outcomes. | 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.                |
| 1. Conduct unloading processes            | 1.1. Identify work requirements, in accordance with productivity requirements, relevant workplace health and safety (WHS) procedures, risks and hazards identification and environmental workplace procedures. |

| ELEMENTS                                     | PERFORMANCE CRITERIA                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                              | <p>1.2. Check, set up and prepare load shifting equipment for operation.</p> <p>1.3. Inspect load for movements and determine safest unloading sequence.</p> <p>1.4. Lift materials and unload while maintaining load and equipment stability.</p> <p>1.5. Report damage to raw materials, equipment, or vehicle according to company procedures.</p> <p>1.6. Monitor load or vehicle lifting equipment performance for unsatisfactory or hazardous operation.</p> |
| 2. Sort and store materials                  | <p>2.1. Identify materials and assess for immediate use or storage.</p> <p>2.2. Move materials to appropriate storage locations consistent with type, quality and stock rotation requirements.</p> <p>2.3. Construct stacks to provide stability and minimise problems.</p> <p>2.4. Make provision for decks, storage bays and access for lifting equipment when storing.</p>                                                                                      |
| 3. Record or tally unloading operations data | <p>3.1. Confirm and record materials.</p> <p>3.2. Mark storage areas, as required.</p> <p>3.3. Maintain tally sheets and/or reject stock documentation, as required.</p>                                                                                                                                                                                                                                                                                           |

## 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:           | <ul style="list-style-type: none"> <li>• use measuring equipment to estimate volume and weight</li> <li>• interprets instruments, gauges and data recording equipment.</li> </ul>         |
| Oral communication skills to: | <ul style="list-style-type: none"> <li>• select and use appropriate spoken communication strategies with work colleagues and other personnel on site when unloading materials.</li> </ul> |
| Reading skills to:            | <ul style="list-style-type: none"> <li>• read and interpret documentation, procedures and reports</li> <li>• access, navigate and enter computer-based information.</li> </ul>            |
| Writing skills to:            | <ul style="list-style-type: none"> <li>• complete forms and records accurately and legibly using correct technical vocabulary.</li> </ul>                                                 |
| Problem solving skills to:    | <ul style="list-style-type: none"> <li>• maintain situational awareness in the work area.</li> </ul>                                                                                      |

## Range of Conditions

Not Applicable

## Unit Mapping Information

FPPRES270A Unload materials

## Links

Companion Volume implementation guides are found in VETNet -  
<https://vetnet.gov.au/Pages/TrainingPackages.aspx/Pages/Home.aspx>

## Assessment Requirements for PPMRES270 Unload materials

### Modification History

| Release | Comment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | <p>Replaces superseded equivalent FPPRES270A Unload materials, which was first released with FPP10 Pulp and Paper Manufacturing Industry Training Package Version 1.0. 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, and must be able to provide evidence that they can:

- safely unload, sort and store materials and products in a pulp or paper manufacturing facility, at least twice in line with required enterprise intervals
- use safety accessories including protective and high visibility safety clothing when unloading materials at least twice in line with required enterprise intervals
- identify and monitor process control points
- use and interpret electronic control systems, to control equipment and processes when unloading
- select appropriate actions for handling non-conformance loads
- minimize handling to meet loading, processing, and stock rotation requirements
- use approved manual handling techniques
- operate and maintain materials handling equipment, including high risk load shifting equipment as required
- record load documentation
- communicate effectively, through written and verbal means, and using hand signals with others, in the work area when undertaking unloading of materials.

### Knowledge Evidence

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

- productivity requirements, relevant workplace health and safety (WHS) procedures, risks and hazards identification and environmental workplace procedures relevant to unloading materials, in a pulp or paper mill
- materials unloading processes, area layout and associated services including operating parameters, variation and associated adjustments within level of responsibility

- load types, specifications and characteristics
- dangerous goods handling and storing requirements
- responses to all unplanned shutdowns (power outage, mechanical breakdown, blockages, jamming, air supply, control system failure) to ensure safety quality and productivity
- equipment fault identification and corrective action relevant to woodchip production
- electronic and other control systems, operation and application to make appropriate adjustments, to control material unloading.

## Assessment Conditions

The following resources must be made available:

- access to the full range of equipment required to unload, sort and store materials in a pulp or paper manufacturing facility
- applicable work health and safety (WHS) and isolation work place procedures, environmental guidelines and safe working requirements, risks and hazard identification and workplace housekeeping requirements
- personal protective equipment required for unloading materials
- sample workplace documentation, procedures and reports relevant to unloading materials including SOP, environmental sustainability requirements/practices, plant manufacturing operating manuals, enterprise policies and procedures, oil or chemical spills and disposal guidelines, plant isolation documentation, safe work documentation
- relevant personnel for the purposes of communicating information.

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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<https://vetnet.gov.au/Pages/TrainingPackages.aspx/Pages/Home.aspx>