



Australian Government

FWPWPP2211 Move material by transfer equipment

Release: 1

FWPWPP2211 Move material by transfer equipment

Modification History

Release	Comment
1	Replaces equivalent unit FPIWPP2211B Move material by transfer equipment, 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.

Application

This unit of competency describes the outcomes required to set up equipment, move timber products using transfer cars and rail systems and to shut down equipment. Work is completed in a forest products factory setting

The unit applies to Production worker (Laminates, Panel and Board, Veneer)

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

Pre-requisite Unit

Nil

Unit Sector

Wood Panel Products

Elements and 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. Prepare to move material by transfer equipment	1.1 Review work order and where required check with appropriate personnel. 1.2 Select appropriate personal protective equipment and check for operational effectiveness. 1.3 Inspect type and quantity of material for relocation and check for potential hazards, obstructions and spillage. 1.4 Plan moving processes in line with work order.

2. Move material	2.1 Use equipment in line with organisational safety procedures, manufacturer's instructions and environmental protection practices. 2.2 Use communication signals to notify nearby personnel of impending operation. 2.3 Select material to be moved and loading point, using schedules, orders and instructions. 2.4 Estimate material dimensions and weight to ensure load and equipment is stable. 2.5 Position and secure load using transfer car techniques in line with manufacturer's recommendations.
3. Shut down equipment	3.1 Clear material from transfer car prior to shutdown. 3.2 Coordinate shutdown with other line operators in line with organisational safety procedures. 3.3 Apply brakes and safety locks to prevent equipment from accidentally moving. 3.4 Complete routine post operational cleaning and checks in line with organisational procedures. 3.5 Clear material spillage from areas around rail system in line with environmental protection practices.

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:	- identify quantities and weight of material to be moved from work orders - complete routine calculations to determine material dimensions and weights for loading and transfer.
Oral communication skills to:	- ask questions and actively listen to clarify contents of work orders - provide clear, unambiguous verbal and non-verbal communication signals.
Reading skills to:	- interpret: - workplace health and safety and other organisational procedures - work orders - manufacturers' instructions.
Writing skills to:	complete accurate basic records for process outcomes and

	equipment faults.
Planning and organising skills to:	efficiently and logically sequence the stages of preparation and material moving and relocating, using work order to guide activities.
Problem-solving skills to:	- identify oversize, overweight and unstable items and make loading adjustments - recognise faulty equipment and resolve by reporting.
Technology skills to:	- select and use appropriate personal protective equipment for moving material - safely and efficiently use mechanical rail and transfer equipment.

Range of Conditions

Not Applicable

Unit Mapping Information

FPIWPP2211B Move material by transfer equipment

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 FWPWPP2211 Move material by transfer equipment

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1	Replaces equivalent unit FPIWPP2211B Move material by transfer equipment, 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:

- follow organisational policies and procedures relevant to moving material by transfer equipment
- moving material by transfer car to convey material to or from production areas
- redistribute material on site using rail and transfer car
- respond to circumstances where loads and transfer equipment may become unstable through loading oversized or overweight materials.

Knowledge Evidence

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

- environmental protection practices for operating transfer equipment:
 - reducing water and energy use
 - cleaning plant, tools and equipment
- typical work flow processes for transferring timber and timber products to and from designated storage areas
- typical workplace hazards present during transfer operations and methods of minimising risks
- capacity of transfer equipment in relation to dimensions and weight
- methods to correctly load transfer equipment to ensure stability of load and equipment
- key features of these varying signal systems used for transfer processes:

- hand signals
- whistles
- sirens
- loud speaker announcements
- two way radios
- typical industry chain of command for communicating signals during transfer processes
- purpose, features, operation and shut down of equipment used to transfer timber and timber products:
 - rail and electrically powered rail mounted transfer car systems
 - ‘follow me’ trolleys
 - electronic-eye trolleys used in layup
- organisational procedures specific to transferring timber and timber products:
 - workplace health and safety with particular emphasis on equipment lock out and use of personal protective equipment
 - communication reporting lines
 - recording and recording transfer processes and equipment faults.

Assessment Conditions

The following resources must be made available:

- equipment used to transfer timber products which must include one or more of the following:
 - rail and electrically powered rail mounted transfer car systems
 - ‘follow me’ trolleys
 - electronic-eye trolleys used in layup
- communication equipment used to signal operation of transfer equipment
- personal protective equipment suitable for transferring timber products
- material for transfer including:
 - treated paper
 - wood chips
 - flakes
 - wood fibre
 - logs
 - bark
 - off-cuts
 - timber
 - raw board
 - panel products
 - veneer
- manufacturers’ instructions for equipment use

- work order with specific instructions for moving timber and timber products to and from a designated storage area
- template documents for recording transfer processes and equipment faults
- relevant personnel for the purposes of communicating information
- organisational procedures for transferring timber and timber products.

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.

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