



Australian Government

Department of Education, Employment and Workplace Relations

FPICOT2207B Dress boards and timber

Release: 1

FPICOT2207B Dress boards and timber

Modification History

Not Applicable

Unit Descriptor

Unit descriptor

This unit describes the outcomes required to prepare and dress boards and timber. The unit includes evaluating and monitoring dressing conditions and processes; and setting, adjusting and maintaining equipment

General workplace legislative and regulatory requirements apply to this unit; however there are no specific licensing or certification requirements at the time of publication

This unit replaces FPICOT2207A Dress boards and timber

Application of the Unit

Application of the unit

The unit involves dressing boards and timber in a forest products factory setting

The skills and knowledge required for competent workplace performance are to be used within the scope of the person's job and authority

Licensing/Regulatory Information

Refer to Unit Descriptor

Pre-Requisites

Not Applicable

Employability Skills Information

Employability skills This unit contains employability skills

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.

Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Prepare for dressing process	<p>1.1. Applicable <i>occupational health and safety</i> (OHS), <i>environmental</i>, <i>legislative</i> and <i>organisational requirements</i> relevant to dressing boards and <i>timber</i> are identified and followed</p> <p>1.2. <i>Work order</i> is reviewed and clarified with <i>appropriate personnel</i></p> <p>1.3. Machinery and <i>equipment</i> are selected appropriate to work requirements and checked for operational effectiveness in line with manufacturer recommendations</p> <p>1.4. Machinery is adjusted to suit size and type of boards or timber to be dressed in line with work order</p> <p>1.5. Pre-operational checks and lock-out procedures are conducted in line with manufacturer recommendations</p> <p>1.6. Required dressed board sizes and quantities, and available material for dressing are identified from work orders, schedules and site procedures</p> <p>1.7. Sequence of machining operations is planned where multiple passes are required</p> <p>1.8. <i>Communication</i> with others is established and maintained in line with OHS requirements and site procedures</p>
2. Dress boards and timber	<p>2.1. Boards and timber are dressed in line with work order, environmental and OHS requirements, and site procedures</p> <p>2.2. Pre-operational checks and lock-out procedures are conducted in line with manufacturer recommendations</p> <p>2.3. Boards and timber are dressed using appropriate equipment in line with site procedures and manufacturer recommendations</p> <p>2.4. Guides, conveyors, speeds and feeds are adjusted to suit dimensions and grade outcomes, and cutting sequence is selected</p> <p>2.5. Boards not meeting processing requirements are identified prior to dressing, and rejected and <i>disposed of</i> in line with site procedures</p> <p>2.6. <i>Work area is regularly cleared</i> in line with site standards, and environmental and OHS requirements</p> <p>2.7. <i>Problems</i> are identified and resolved in line with site</p>

ELEMENT	PERFORMANCE CRITERIA
	procedures
	2.8. Dressed boards are tallied and monitored against work orders
3. Assess dressing conditions	<p>3.1. Dressing conditions are regularly assessed to ensure product quality, continuity of supply and processing in line with site standards and procedures</p> <p>3.2. Dressing feed rates and finish are evaluated to determine board size, timber condition and other relevant characteristics in line with site procedures</p> <p>3.3. Dressed board dimensions and profiles are regularly measured and recorded in line with site procedures</p> <p>3.4. Routine processing and equipment <i>faults</i> are recognised and resolved or reported in line with site procedures</p>
4. Maintain simple dressing processes	<p>4.1. Dressing conditions are adjusted to optimise feed rate and finish and to maintain finished dimensions, in line with work order and site standards</p> <p>4.2. Equipment lock-out procedures are applied in line with OHS requirements and site procedures</p> <p>4.3. Equipment is <i>maintained</i> in line with OHS requirements, site procedures, manufacturer recommendations and environmental requirements</p> <p>4.4. Problems and faults are identified, resolved and reported in line with site procedures</p> <p>4.5. Blunt cutters or saw blades are <i>dealt with</i> in line with site procedures, manufacturer recommendations and environmental requirements</p> <p>4.6. Production and quality <i>records and reports</i> are processed in line with site procedures and organisational requirements</p>

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This describes the essential skills and knowledge and their level required for this unit.

Required skills

- Technical skills sufficient to use and maintain relevant tools, machinery and equipment, including to carry out lock-out procedures; efficiently and safely dress

REQUIRED SKILLS AND KNOWLEDGE

boards and timber at optimum rate and finish quality; conduct lock-out procedures

- Communication skills and interpersonal techniques sufficient to interact appropriately with colleagues and others in the workplace; locate, record and report information
- Literacy skills sufficient to comply with legislation, regulations, standards, codes of practice and established safe practices and procedures for dressing boards and timber
- Numeracy skills sufficient to apply mathematical processes to measure finished dimensions and profiles with accuracy appropriate to tolerances; estimate, measure and calculate time required to complete a task
- Problem solving skills sufficient to review and identify work requirements; identify problems and equipment faults; demonstrate appropriate response procedures

Required knowledge

- Applicable commonwealth, state or territory legislation, regulations, standards, codes of practice and established safe practices relevant to the full range of processes for dressing boards and timber
- Environmental protection requirements, including the safe disposal of waste material and the cleaning of plant, tools and equipment
- Organisational and site standards, requirements, policies and procedures for dressing boards and timber
- Environmental risks and hazards
- Recycling and re-using procedures for dressed boards not meeting processing requirements
- Typical timber defects and dressing problems which require action to be taken
- Industry standard cross section and length dimensions and tolerances, profiles and terminology
- Purpose of lock-out procedures
- Established communication channels and protocols
- Problem identification and resolution strategies, and common fault finding techniques
- Types of tools and equipment, and procedures for their safe use, operation and maintenance
- Appropriate mathematical procedures for estimating and measuring, including calculating time to complete tasks
- Procedures for recording and reporting workplace information

Evidence Guide

EVIDENCE GUIDE

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Overview of assessment

A person who demonstrates competency in this unit must be able to provide evidence that they can safely and efficiently:

- dress boards and timber
- maintain equipment in line with organisational guidelines

Critical aspects for assessment and evidence required to demonstrate competency in this unit

The evidence required to demonstrate competency in this unit must be relevant to, and satisfy, all of the requirements of the elements of this unit and include demonstration of:

- following applicable commonwealth, state or territory legislative and regulatory requirements and codes of practice relevant to dressing boards and timber
- following organisational policies and procedures relevant to dressing boards and timber
- communicating and working safely with others in the work area
- preparing for, evaluating and maintaining dressing processes and conditions
- setting, adjusting, operating and maintaining equipment to suit required dimensions, cutting sequence, feed rates and finish

Context of and specific resources for assessment

- Competency is to be assessed in the workplace or realistically simulated workplace
- Assessment is to occur under standard and authorised work practices, safety requirements and environmental constraints
- Assessment of required knowledge, other than confirmatory questions, will usually be conducted in an off-site context
- Assessment is to comply with relevant regulatory or Australian Standards requirements
- The following resources should be made available:
 - workplace location or simulated workplace
 - materials and equipment relevant to undertaking work applicable to this unit

EVIDENCE GUIDE

Method of assessment

- specifications and work instructions
- Assessment must satisfy the endorsed Assessment Guidelines of the FPI11 Training Package
- Assessment methods must confirm consistency and accuracy of performance (over time and in a range of workplace relevant contexts) together with application of required knowledge
- Assessment must be by direct observation of tasks, with questioning on required knowledge and it must also reinforce the integration of employability skills
- Assessment methods must confirm the ability to access and correctly interpret and apply the required knowledge
- Assessment may be applied under project-related conditions (real or simulated) and require evidence of process
- Assessment must confirm a reasonable inference that competency is able not only to be satisfied under the particular circumstance, but is able to be transferred to other circumstances
- Assessment may be in conjunction with assessment of other units of competency
- The assessment environment should not disadvantage the candidate
- Assessment practices should take into account any relevant language or cultural issues related to Aboriginality, gender or language backgrounds other than English
- Where the participant has a disability, reasonable adjustment may be applied during assessment
- Language and literacy demands of the assessment task should not be higher than those of the work role

Range Statement

RANGE STATEMENT

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. **Italicised** wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and

RANGE STATEMENT

regional contexts) may also be included.

OHS requirements:

are to be in line with applicable commonwealth, state or territory legislation and regulations, and organisational safety policies and procedures, and may include:

- personal protective equipment and clothing
- safety equipment
- first aid equipment
- fire fighting equipment
- hazard and risk control
- fatigue management
- elimination of hazardous materials and substances
- manual handling including shifting, lifting and carrying

Environmental requirements may include:

- legislation
- organisational policies and procedures
- workplace practices

Legislative requirements:

are to be in line with applicable commonwealth, state or territory legislation, regulations, certification requirements and codes of practice and may include:

- award and enterprise agreements
- industrial relations
- Australian Standards
- confidentiality and privacy
- OHS
- the environment
- equal opportunity
- anti-discrimination
- relevant industry codes of practice
- duty of care

Organisational requirements may include:

- legal
- organisational and site guidelines
- policies and procedures relating to own role and responsibility
- quality assurance
- procedural manuals
- quality and continuous improvement processes and standards

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- OHS, emergency and evacuation procedures
 - ethical standards
 - recording and reporting requirements
 - equipment use, maintenance and storage requirements
 - environmental management requirements (waste minimisation and disposal, recycling and re-use guidelines)
- Timber** may be:
- softwood or hardwood
 - treated or untreated
 - planed or sized along its length
 - cross sections produced to standard industry profiles within the enterprise's normal range
- Work order** is to include:
- details of material to be dressed
 - special client requirements
 - production timelines
- and may also include:
- instructions for the environmental monitoring of work and procedures
 - environmental care requirements relevant to the work
- Appropriate personnel** may include:
- supervisors
 - clients
 - colleagues
 - line management
- Equipment** may include:
- moulder
 - jointer/buzzer or thicknesser
 - machine incorporating splitting saw
 - planing machine
 - moulding machine
- Communication** may include:
- verbal and non-verbal language
 - constructive feedback
 - active listening
 - questioning to clarify and confirm understanding
 - use of positive, confident and cooperative language
 - use of language and concepts appropriate to individual social and cultural differences
 - control of tone of voice

RANGE STATEMENT

Disposing of may include:

- recycling boards identified as not meeting processing requirements prior to dressing
- re-using boards identified as not meeting processing requirements prior to dressing
- redirecting boards identified as not meeting processing requirements prior to dressing for energy recovery

Regularly clearing work area may include:

- area around equipment and conveyors
- clearing timber scraps around equipment and conveyors
- monitoring conveyors for material flow problems

Problems may relate to:

- equipment faults and malfunctions
- quality of product and machine settings
- efficient rejection prior to dressing of boards that do not meet processing requirements
- transfer and flow of material
- dressing problems
- feed rate
- product finish

Faults may include:

- blunt or damaged cutters
- inadequate supply of materials
- disruption to continuity of flow
- sub-optimal production rate and finish
- finished dimensions
- burn marks
- end damage
- poor surface finish
- extra cuts
- excessive cutter marks
- dimensional errors

Maintenance may include:

- cleaning machine of wood chips and sawdust
- replacing blunt cutters or saw blades
- inspecting machine parts for wear or damage (including guards)
- greasing and lubricating moving parts
- checking the operation of emergency stop buttons and lock-out systems

Dealing with may include:

- repairing or sending for repair blunt cutters or saw blades
- recycling blunt cutters or saw blades that

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cannot be repaired

- sending blunt cutters or saw blades that cannot be repaired to landfill

Records and reports may include:

- tally sheets
- quality sheets and forms
- production sheets and downtime sheets

and may relate to:

- production details
- maintenance details
- breakdowns or equipment faults
- computer problems
- interruptions to production

and may be:

- manual
- computer-based system
- other appropriate organisational communication system

Unit Sector(s)

Not Applicable

Competency field

Competency field

Common Technical