



**Australian Government**

**Department of Education, Employment and Workplace Relations**

# **FPISAW2206B De-stack seasoning racks**

**Release: 1**

## **FPISAW2206B De-stack seasoning racks**

### **Modification History**

Not Applicable

### **Unit Descriptor**

**Unit descriptor** This unit describes the outcomes required to assess and control dried boards, separate them from the seasoning racks, and monitor their use and supply for the timber dressing process  
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 FPISAW2206A De-stack seasoning racks

### **Application of the Unit**

**Application of the unit** The unit involves de-stacking seasoning racks 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**

**Prerequisite units**

## 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

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. Prepare for de-stacking</li> <li>2. De-stack racks</li> </ol> | <ol style="list-style-type: none"> <li>2.1. Applicable <b><i>Occupational Health and Safety</i></b> (OHS), <b><i>environmental, legislative</i></b> and <b><i>organisational requirements</i></b> relevant to de-stacking seasoning racks are identified and followed</li> <li>2.2. <b><i>Work order</i></b> is reviewed and checked with <b><i>appropriate personnel</i></b></li> <li>2.3. Type and quantity of <b><i>boards</i></b> to be <b><i>de-stacked</i></b> are assessed and acquired from the <b><i>seasoning racks</i></b></li> <li>2.4. <b><i>Equipment</i></b> is selected appropriate to work requirements and checked for operational effectiveness in line with manufacturer's recommendations</li> <li>2.5. De-stacking process is planned in line with site procedures</li> <li>2.6. <b><i>Communication</i></b> with others is established and maintained in line with OHS requirements</li> <li>2.7. Racks are <b><i>visually assessed</i></b> for board type, size and quality</li> <li>2.8. Racks that do not meet process requirements are rejected and <b><i>disposed of</i></b> in line with site procedures and environmental requirements</li> <li>2.9. <b><i>Moisture content</i></b> of boards is measured and boards approved for de-stacking</li> </ol> |
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**ELEMENT****PERFORMANCE CRITERIA**

- 2.10. Racks are loaded onto *separation equipment* in line with site procedures
- 2.11. Boards are separated and loaded onto conveyor systems
- 2.12. ***Bearers*** and other protective timber are removed and stored for return to stacking area
- 2.13. ***Spacing stick*** removal and collection are checked for correct operation and stored
- 2.14. De-stacking area is kept clear of timber scraps and timber scraps are disposed of in line with site procedures and environmental requirements

ELEMENT	PERFORMANCE CRITERIA
3. Monitor board usage and maintain supply	3.1. Conveyor transfer procedures are maintained free of blockages 3.2. Racks are supplied to board separation equipment consistent with required size and species for <i>dressings</i> 3.3. Dressing process size changes are received and board supply changed at designated times 3.4. Changeover points are monitored in line with site requirements 3.5. De-stacking process, board supply and equipment faults are <i>recorded and reported</i> to the appropriate personnel

## 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; efficiently and safely de-stack seasoning racks
- Communication skills and interpersonal techniques sufficient to interact appropriately with colleagues and others in the workplace
- Literacy skills sufficient to accurately locate, record and report information
- Numeracy skills sufficient to estimate, measure and calculate time required to complete a task
- Problem solving skills sufficient to review and accurately identify work requirements; identify problems and equipment faults and 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 de-stacking seasoning racks
- Environmental protection requirements, including the safe disposal of waste material, minimising carbon emissions and the cleaning of plant, tools and equipment
- Organisational and site standards, requirements, policies and procedures for de-stacking seasoning racks
- Environmental risks and hazards
- De-stacking techniques
- Moisture content and seasoning methods

**REQUIRED SKILLS AND KNOWLEDGE**

- Mechanical separation systems
- Supply procedures
- Grading markings and quality standards
- Storage systems and labelling
- 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 de-stack seasoning racks in line with organisational requirements

### 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 de-stacking seasoning racks
- following organisational policies and procedures relevant to de-stacking seasoning racks
- de-stacking seasoning racks in readiness for allocation of timber to storage or downstream operations
- accurately setting board separation equipment parameters
- supplying de-stacked timber for the dressing process

### 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 follow 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
  - specifications and work instructions

### Method of assessment

- Assessment must satisfy the endorsed Assessment Guidelines of the FPI11 Training Package

## EVIDENCE GUIDE

- 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 regional contexts) may also be included.

**OHS requirements:** are to be in line with applicable Commonwealth, State or Territory legislation and regulations, and



**RANGE STATEMENT**

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
- safe forest practices including required actions relating to forest fire
- manual handling including shifting, lifting and carrying
- machine isolation and guarding

## RANGE STATEMENT

**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
- OHS, emergency and evacuation procedures
- ethical standards
- recording and reporting requirements
- equipment use and maintenance and storage requirements
- environmental management requirements (waste minimisation and disposal, recycling and re-use guidelines)

**Work order** is to include:

- instructions for the separation and supply of timber

and may include:

- type
- width
- length
- thickness

**RANGE STATEMENT**

- quantity

and may also include:

- instructions for the environmental monitoring of work and procedures
- environmental care requirements relevant to the work

## RANGE STATEMENT

**Appropriate personnel** may include:

- supervisors
- suppliers
- clients
- colleagues
- managers

**Boards** may include:

- native timber species
- imported timber species
- in-the-rough timber
- stress and non-stress graded timber
- preservative treated timber

**De-stacking**

- is the process of breaking down seasoning racks, moisture testing the boards and visually assessing their appearance quality
- includes separating the boards from the rack bearers and spacing sticks

**Seasoning racks** are to include:

- air seasoning or kiln seasoning racks
- timber, steel or mobile racks with bearers and spacing sticks

**Equipment** is to include:

- mechanical board separation machines

and may include:

- tilt hoist
- drop slides
- waterfalls
- singulators
- tray sorters

and is to include:

- procedures for equipment lock-out such as:
  - protecting operators and co-workers from accidental injury by isolating the machine from the power source

**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**

- body language

## RANGE STATEMENT

<b>Visual assessment</b> is	the assessment of timber to determine potential finish, quality and faults
<b>Disposing of</b> may include:	<ul style="list-style-type: none"> <li>recycling rejected racks/timber scraps</li> <li>re-using rejected racks/timber scraps</li> </ul>
<b>Moisture content</b>	is the amount of moisture maintained in timber or timber products after kiln drying or to avoid cracking and deforming
<b>Separation equipment</b>	refer to equipment
<b>Bearers</b>	are large heavy timbers used to support loads of stacked timber in seasoning racks
<b>Spacing sticks</b>	are used between layers of drying timber in seasoning racks
<b>Dressing</b>	is the process of converting in-the-rough timber to planed clean timber using thicknessers and surface planers
<b>Records and reports</b> may include:	<ul style="list-style-type: none"> <li>board separation requirements</li> <li>supply requirements</li> <li>product type</li> <li>size</li> <li>inspection</li> <li>grading and marking outcomes</li> <li>storage locations</li> <li>quality outcomes</li> <li>hazards</li> <li>incidents</li> <li>equipment malfunctions</li> </ul> <p>and may be:</p> <ul style="list-style-type: none"> <li>manual</li> <li>using a computer-based system or other appropriate organisational communication system</li> </ul>

## Unit Sector(s)

<b>Unit sector</b>	No sector assigned
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## **Co-requisite units**

**Co-requisite units**

## **Competency field**

**Competency field**            Sawmilling and Processing