



Australian Government

FWPCOT3246 Test heavy structural/engineered products

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPICOT3246B Test heavy structural/engineered products, which was first released with FPI11 Forest and Forest Products Training Package Version 1. This is the first release of this unit in the new standards format.

Application

This unit of competency describes the outcomes required to test heavy structural and engineered products in line with product quality specifications. The unit includes establishing specifications and test methods, conducting and interpreting tests, and reporting findings.

The unit applies to those working in a forest and wood products factory setting.

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

Pre-requisite Unit

Nil

Unit Sector

Sawmilling and Processing

Timber Manufactured Products

Wood Panel Products

Timber Truss and Frame Design and Manufacture

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 for testing	1.1 Review and check work order. 1.2 Obtain type and quantity of products to be tested are acquired from the storage location.

	1.3 Select equipment and check for operational effectiveness in line with manufacturer instructions. 1.4 Follow workplace procedures to plan testing.
2. Implement procedures to test heavy structural and engineered products	2.1 Select heavy structural and engineered products for testing in line with 2.2 Conduct test in line with established test methods and quality assurance procedures. 2.3 Identify testing problems are identified and resolved or report these. 2.4 Obtain test results and compare data are made against product specifications.
3. Report outcomes of test	3.1 Identify potential or existing problems that might affect product quality and make recommendations for improvement. 3.2 Record and report outcomes of testing.

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:	measure for testing
Reading skills to:	read quality and product specifications

Range of Conditions

Not Applicable

Unit Mapping Information

FPICOT3246B Test heavy structural/engineered products

Links

Companion Volume implementation guides are found in VETNet -

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