



PIABC LEVEL 3 CERTIFICATE IN WOOD TECHNOLOGY AND APPLICATION

Qualification Number: 603/1326/2

Qualification Specification

Updated: 15 January 2020

INTRODUCTION

This qualification is a nationally recognised qualification which provides learners with knowledge of the issues surrounding the legal trading and sustainability of wood supply together with a more in-depth content of appropriate applications for particular hard/softwoods.

Those achieving the qualification will be able to apply this knowledge to choosing appropriate products, ensuring compliance of legal and sustainable wood and suggesting correct applications for particular functions.

The qualification is intended for those already employed or newcomers to the industry and is designed to provide trade specific knowledge appropriate for the day to day activities in an office, retail outlet or timber yard.

Learners should be familiar with timber as a material and be able to explain how and why timber and timber products are appropriate and fit for purpose for use as principal buildings components.

AIM

This qualification is intended as a short course either for those wishing to pursue a career in the timber or related industries, or for those who are already in the industry and who wish to extend their knowledge and expertise.

The qualification is designed to provide trade specific knowledge appropriate for those advising, specifying or recommending timber. This may be in timber or builder's merchant's offices, retail settings or in architectural practices. By the end of the course, the learner should have a basic knowledge of the issues surrounding the legal trading and sustainability of wood supply together with a more in-depth content of appropriate applications for particular hard/softwoods.

Those achieving the qualification will be able to apply this knowledge to choosing appropriate products, ensuring compliance of legal and sustainable wood and suggesting correct species for particular applications.

OUTCOMES

In setting out a clearly defined level of learner achievement, this qualification will:

1. Enhance the knowledge and job satisfaction of *learners* and provide them with a means of progression to higher level qualifications, as well as job movement throughout the timber sector and other related areas of the timber industry.
2. Provide *employers* with an open and transparent basis for judging the suitability of learners for employment and promotion.

Specific outcomes for the qualification are listed under the individual unit description.

TARGET GROUP

This Level 3 qualification is appropriate for those wanting to enhance their employment and progression opportunities in the timber and related industries.

There are three broad target groups:

1. People within the wood-related industry who want to extend their knowledge and gain a recognised qualification.
2. People within the wood-related industry who want to operate more professionally and effectively.
3. Finally, the qualification may appeal to people who are not currently employed in the industry, but who wish to gain a basic qualification as a step towards getting a job and progressing in the sector.

Due to the diverse nature of the timber and related industries, it is difficult to define the target groups in terms of precise job functions. Typically, learners are likely to be in positions where they are responsible for functions such as specifying/recommending purchasing and sales personnel.

Job role	Type of company
Specifier	Architectural
Sales personnel, yard/warehouse personnel	Timber products importer and merchant
Counter sale staff, sales floor operatives	Builders merchant, DIY retail business
Sales personnel; yard operatives	Wood processing; sawmill

ENTRY REQUIREMENTS

There are no entry qualifications or age limits required for this qualification.

Assessment for this qualification is open to any learner who has the potential to reach the standards laid down for these qualifications. As a guide those with the following are likely to indicate the potential to succeed: Level 1 qualifications, a minimum of 5 GCSEs at Grade D-G (or equivalent), or experience that indicates ability to succeed. An initial assessment of past experience and current skills, knowledge and understanding should be carried out prior to commencement, to determine suitability for this qualification.

Aids or appliances, which are designed to alleviate disability, may be used during assessment, providing they do not compromise the standard required.

PROGRESSION

Success in this qualification prepares learners for progression within the timber industry to a position where they can assume some level of responsibility.

QUALIFICATION STRUCTURE

Two mandatory units, plus 2 optional units (a minimum of 12 credits) are required: 6 credits from the mandatory group and 6 credits from the optional group. Note: more than one optional unit can be chosen.

PIABC Unit Ref.	Ofqual Unit Ref.	Unit Title	Level	GLH* (e.g. direct tutor contact)	Total Unit Time (hrs)	Credit
Mandatory Units						
WT1	J/615/6201	Sustainability and legal trading of timber	3	2	14	1
WT2	L/615/6202	Understand how timber quality and grade is related to end use ¹	2	2	48	5
Optional Units (6 Credits required)						
WT3	R/615/6203	Understand how wood as a material is related to end use	3	2	29	3
WT4	Y/615/6204	Understand the main softwoods used in the UK and their end use	3	2	29	3
WT5	D/615/6205	Understand the main hardwoods used in the UK and their end use	3	2	29	3
Qualification Level			3			
Total Guided Learning Hours				8		
Total Qualification Time					120	
Total Credit						12

¹ The PIABC Level 2 Award in Timber and Panel Products and Their Uses can be recognised as prior learning for this unit. A Learner needs to declare and provide evidence of successful completion of the qualification to gain exemption.

GLH* = Guided Learning Hours

QUALIFICATION LEVEL

This is a Level 3 qualification.

Learners require the knowledge and show understanding in applying technical and commercial principles to a range of tasks.

Learners may have direct responsibility for others or may have responsibilities within a team.

This qualification requires the learner to understand the materials, and how these combine in practical operations so that they may better assist the customer in selecting an appropriate product for end use. It will prepare the learner to operate as a competent team member and will greatly assist them in their career development.

The examination for this qualification is based on the learning outcomes and assessment criteria set in a way that demonstrates the features above.

When work for this qualification is assessed, it is important to realise that evidence will be sought which demonstrates these features.

Level 3 Descriptor

Summary

The descriptors set out the generic knowledge and skills associated with the typical holder of a qualification at Level 3. The level descriptors are framed as outcomes and each category starts with a stem statement (“the holder can...”) which then links into the outcomes associated with each level of the framework.

Knowledge descriptor (the holder...)

- Has factual, procedural and theoretical knowledge and understanding of a subject or field of work to complete tasks and address problems that while well-defined, may be complex and non-routine.
- Can interpret and evaluate relevant information and ideas.
- Is aware of the nature of the area of study or work.
- Is aware of different perspectives or approaches within the area of study or work.

Skills descriptor (the holder...)

- Identify, select and use appropriate cognitive and practical skills, methods and procedures to address problems that while well-defined, may be complex and non-routine.
- Use appropriate investigation to inform actions.
- Review how effective methods and actions have been.

Source: Qualification and Component Levels - Requirements and Guidance for All Awarding Organisations and All Qualifications. Version: Ofqual/15/5774. Ofqual 2015.

PROGRAMME ORGANISATION

It is anticipated that the qualification will require 97 self study hours and 8 taught hours for satisfactory completion.

The organisation of the award is at the discretion of the centre and will take into account the aims, aspirations and experience of the learners.

Centres are encouraged to choose the most suitable curriculum model for their learners. Whilst the sequential delivery of parts of the unit is a possibility and may provide the most straightforward way of determining completion, it may be that some degree of integration of elements will occur, or that other methods of delivery are more appropriate to meet the needs of learners. It should be noted however that the whole unit and all the learning outcomes will be assessed.

Centres must ensure that adequate arrangements are in place for supporting learners. This could be either through separate tutorial sessions or through the use of time within structured study sessions. Centres using on-line or other forms of open learning must ensure that appropriate tutorial support is provided for learners.

In relevant circumstances, centres are recommended to provide information and guidance to their learners on the availability and type of employment the programme may lead to and on the progression routes available for further education and training in wood technology.

GUIDANCE ON LEARNING AND TEACHING STRATEGY, METHODS AND ASSESSMENT

Timber technology is a practical subject, based on theoretical principles. As far as possible, it is important that the course is taught by relating the underlying theory to practical examples and applications. Two factors which will help in this regard are:

1. The use of staff with direct experience in the timber and related industries. This must, of course, be balanced against a sound understanding of the theoretical principles, as anecdotal experience alone is unlikely to meet the requirements of the course.
2. Practical and commercial examples that underpin a more theoretical understanding should be used to show the link between theory and practice. DVD illustrations of processes could also be used as part of the teaching regime. A further and invaluable source of information is the Internet and there are many web sites which demonstrate important aspects of timber processing and use. Learners should be encouraged to research this material.
3. Practical experience of workplace operations dealing with timber.

Those learners employed in the timber and related industries, will come to the course with varying levels of existing knowledge and/or practical experience of some parts of the syllabus. This should be utilised in preparing for the examination. The sharing of knowledge which has the potential to lead to a high level of understanding should be encouraged.

The relation of theory and practice is a theme that will be reflected in the assessments for the programme. Therefore, in structured learning and individual work, learners should be aware of the requirement to develop a practical dimension to their understanding.

Those developing learning programmes should expect to achieve all the learning outcomes. It may be useful to have workbooks for use either at home or in the workplace. The addition of diagrams and photographs may enhance learning.

QUALIFICATION DESCRIPTION

The qualification follows the PIABC principles for designing units and qualifications and contains the features listed as follows;

- Unit reference number, title, guided learning hours, grading structure and assessment guidance.
- Each unit consist of:
 - Learning Outcomes that show what the learners will be able to understand, know or demonstrate.
 - Assessment Criteria that show what the learners can do or produce in order to show that they have met the learning outcome.
- To successfully complete, learners must meet all the learning outcomes and gained an overall pass mark of 50%.

ASSESSMENT

This qualification is assessed by an examination which will consist of both short answer and multi-choice answer questions.

To be successful in the examination, a learner must achieve a pass mark of 50% in each section of the examination paper and gain an overall pass mark of 50%. If a student is unsuccessful in an examination, then the learner can re-sit a different examination paper at the next examination series.

The pass threshold for the units is not subject to change.

QUALIFICATION CERTIFICATION

The qualification is available at *Pass, Merit or Distinction* to learners who successfully complete the examination of 2 mandatory and 2 optional units.

The overall grading structure for the qualification is not subject to change.

GLOSSARY

Term	Definition
Learning Outcome	This describes what a learner needs to know, understand or do as a result of the process of learning.
Assessment Criteria	These are the requirements learners are expected to meet to demonstrate that a learning outcome has been achieved.
Centre	The organisation that is approved by PIABC for the purposes of preparing learners for assessment.

FURTHER INFORMATION

Please contact PIABC Limited directly at:

PIABC Limited, The Boilerhouse, Springfield Business Park, Caunt Road, Grantham, NG31 7FZ

Tel: 01476 513884

Email: piabc@iom3.org