



## CERTIFICATE SUPPLEMENT



<b>Title of the qualification (FI, SV)</b>
<b><i>Puuteollisuuden perustutkinto</i></b> <b><i>Grundexamen inom träindustrin</i></b> <i>Qualification requirements entered into force on 01.08.2022 (OPH-1852-2021)</i>
<b>Translated title of the qualification (EN)</b>
<b><i>Vocational Qualification in the Wood Industry</i></b>
This translation has no legal status.

## Profile of skills and competences

### Composition of the qualification

The scope of a vocational qualification in the wood industry is 180 competence points. The qualification is composed of vocational units (145 competence points) and common units (35 competence points).

The scope of compulsory units in the competence area of the joinery industry and in the competence area of the timber structure industry is 40 competence points and the scope of optional units 105 competence points, of which between 45 and 90 competence points are chosen from the optional units specific to the competence area and the rest (15-60 competence points) from the units that are optional to all candidates. The scope of compulsory units in the competence area of the sawmill industry and in the competence area of the board industry is 85 competence points and the scope of optional units is 60 competence points.

The vocational qualification in the wood industry comprises four competence areas and qualification titles:

- Competence area of the Timber Structure Industry (Industrial Carpenter)
- Competence area of the Joinery Industry (Joiner)
- Competence area of the Sawmill Industry (Sawmill Process Operator) and
- Competence area of the Board Industry (Board Process Operator).

### Vocational skills and competences required for completion of the qualification

#### *Competence area of the Joinery Industry, Joiner*

The core competences of joiners include carrying out joinery tasks safely, planning the implementation of the work with the help of drawings and work instructions, the skill to appropriately use the materials and processed wood products of the wood industry, familiarity with and consideration of the properties and behaviour of wood in making joinery products, command of the use of the basic machines used in the joinery industry to make different joinery products, and command of the modern industrial manufacturing technology.

#### *Competence area of the Board Industry, Board Process Operator*

The core competences of board process operators include carrying out safely their chosen work tasks in the board industry, performing condition monitoring and ensuring that the process runs without malfunctions. They have an overall understanding of the production process of boards and the quality of the products and are able to take into consideration the structure, properties and defects of wood when machining it.

#### *Competence area of the Sawmill Industry, Sawmill Process Operator*

The core competence of sawmill process operators includes carrying out safely their chosen work tasks in the sawmill industry, performing condition monitoring and ensuring that the process runs without malfunctions. They have an overall understanding of the production process and further processing of sawn timber and the quality of the products. They are also able to take into consideration the structure, properties and defects of wood when machining it.

#### *Competence area of the Timber Structure Industry, Industrial Carpenter*

The core competences of industrial carpenters include carrying out work tasks safely in the timber structure industry, planning the implementation of the work with the help of drawings and work instructions, the skill to appropriately use the materials of the wood industry, familiarity with and consideration of the properties and behaviour of wood in the manufacture of structural wood products, command of the use of the basic machines used in the timber structure industry to make different industrial structural wood products and command of the modern industrial manufacturing technology.

<b>Range of occupations accessible to the holder of the certificate</b>	
<p><i>Competence area of the Joinery Industry, Joiner</i></p> <p>Joiners may work in the manufacturing processes of joinery products, industrial carpenter's products and furniture and fixtures made of wood-based panel and in different tasks in production in which CNC technology is used. Qualification holders may carry out tasks such as manufacture of furniture and fittings, programming and operation of a CNC machine, woodwork related to interior decoration and indoor construction, assembling and furnishing, manufacturing of prototypes and operating of industrial robots.</p> <p><i>Competence area of the Board Industry, Board Process Operator</i></p> <p>Board process operators may work in different operating and monitoring tasks in the manufacturing process and further processing in the board industry, for example, in the different work stages of the plywood or chipboard manufacturing process.</p> <p><i>Competence area of the Sawmill Industry, Sawmill Process Operator</i></p> <p>Sawmill process operators may work in different operating and monitoring tasks in manufacturing or further processing in the sawmill industry, for example, in the different work stages in sawmills or in further processing of sawmill products.</p> <p><i>Competence area of the Timber Structure Industry, Industrial Carpenter</i></p> <p>Industrial carpenters work in the manufacturing processes of wooden structures and their components, such as CLT, MHM, log structures and other solid wood structures, wood-structured elements and other further processed products. Their work tasks may include manufacturing, assembling and outfitting components, programming and operating a CNC machine, and 3D modelling.</p>	
<b>Official basis of the certificate</b>	
<p><b>Name and status of the body awarding the certificate</b> An education provider with an authorisation to provide education and award qualifications granted by the Ministry of Education and Culture.</p>	<p><b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b> Ministry of Education and Culture  Finnish National Agency for Education, the national agency subordinate to the Ministry of Education and Culture</p>
<p><b>Level of the certificate (national or international)</b> National Qualifications Framework (nqf) 4 European Qualifications Framework (eqf) 4 ISCED 3</p>	<p><b>Grading scale/Pass requirements</b> Satisfactory 1 / Satisfactory 2 / Good 3 / Good 4 / Excellent 5</p>
<p><b>Access to the next level of education/training</b> The qualification confers eligibility for higher education studies.</p>	<p><b>International agreements</b> -</p>
<p><b>Legal basis</b> Vocational Education and Training Act 531/2017 and the decrees that complement it.</p>	

### Officially recognised ways of obtaining the certificate

The vocational skills required for completing the modules are demonstrated by performing practical tasks in authentic situations and work processes (demonstration of knowledge and skills). The student's knowledge and skills are assessed diversely by a teacher and a working life representative and compared to the competence defined in the qualification requirements. The education provider awards the student a qualification certificate once the qualification has been completed acceptably in accordance to the qualification requirements laid down by the Finnish National Agency for Education.

#### Entry requirements

No formal qualifications are required to take the competence test.

#### Additional information

Finnish National Agency for Education

P.O. Box 380, FI-00531 Helsinki, Finland

[www.oph.fi](http://www.oph.fi)

#### Explanatory note

This document is designed to provide additional information about the specified certificate and does not have any legal status in itself. The format of the description is based on the following texts: Council Resolution 93/C 49/01 of 3 December 1992 on the transparency of qualifications, Council Resolution 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates, and Recommendation 2001/613/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers.

For more information on transparency, visit <http://www.cedefop.europa.eu/en/themes/understanding-qualifications>

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