

Work areas (within which the company will be able to place trainees)**Basic programme**

✓ Tick off the appropriate

- Using knowledge of practical, fundamental drawing techniques and projection drawing, including symbols and illustration techniques, to read drawings and diagrams.
- Making sketches and working drawings, including delineation and development related to practical tasks that are relevant to the training programmes, including making electronic working drawings in a CAD program and utilising knowledge of basic CAD techniques.
- Making measurements and calculations and preparing lists of materials and units stating materials designations, numbers, quantities, lengths and surfaces.
- Using measuring techniques and tools in connecting with marking, assembling, levelling and setting off, also employing relevant measuring standards, levels, values and tolerances.
- Selecting solid wood and sheet materials on the basis of knowledge about common species of wood and wood desiccation.
- Selecting veneers, joining veneers, performing simple jointing of veneers for furniture and building components and explaining surface treatment principles.
- Setting up, operating and maintaining hand tools, power tools and stationary machinery that are common to the wood and furniture industry and explaining transmission calculations, cutting speeds, surface quality and grinding media.
- Writing simple CNC programs on the basis of a fundamental knowledge about the design of CNC machines and using ISO codes on the basis of knowledge of coordinate systems.
- Laminating, using relevant laminating, clamping and fastening tools as well as equipment for the application of glues and adhesives.
- Describing, analysing and carrying out small-scale design tasks, meeting requirements of functionality, design and aesthetics.
- Explaining the general global production and market conditions in the construction sector and the wood and furniture industry as well as the possibilities of further training and work practice in other countries.

Work areas (within which the company will be able to place trainees)**Main programme**

✓ Tick off the appropriate

- Installing, operating and maintaining ordinary standard machines and fully or semi-automated special machines, and programming, installing and operating PLC, NC and CNC controlled wood machining equipment.
- Selecting wood, aluminium, composite and sheet materials using knowledge about the technical properties of the materials and the ways in which they can be treated and machined.
- Analysing, documenting and performing design tasks on the basis of industry-related matters that involves various styles in the fields of craftsmanship, architecture and industrial design.
- Using IT tools to plan and document all work processes related to a production assignment, including selecting machines, tools, materials and processing methods and, in collaboration with others, solving problems associated with the type of production in question and with quality control.
- Developing ideas and explaining the need for improvement of work processes on the basis of a good understanding of the role played by a specific work function in the overall value chain of an enterprise in an international perspective.
- Using IT tools to plan and document all work processes and, in collaboration with others, solving problems associated with the type of production in question and with quality control.
- Using and understanding a foreign language in job-related and societal contexts.
- Setting up, operating and using continuous flow systems and machines.
- Calculating cutting data and feed speeds in order to ensure optimal machining and compliance with fundamental workshop practice, health and safety standards and environmental regulations.
- Assessing and using cutting tools in compliance with applicable machine and tool standards as defined by Danish Standards.
- Programming, setting up and operating NC and CNC controlled wood machining equipment.
- Performing smoothing, gluing and veneering.
- Performing industrial and artisan surface finishing.
- Grinding and using and maintaining tools for manual and mechanical shaping and finishing.
- Installing, operating and maintaining standard machines and special machines for the making of doors and windows in accordance with good workshop practice.
- Performing industrial surface finishing, gluing and veneering.

Work areas (within which the company will be able to place trainees)**Main programme**

✓ Tick off the appropriate

- Installing, operating and maintaining standard machines and special machines for use in solid wood production in accordance with good workshop practice.
- Organising and performing industrial machining and joining solid wood elements.
- Installing, operating and maintaining standard machines and special machines for use in sheet material production in accordance with good workshop practice.
- Carrying out manual and mechanical work procedures in the field of industrial production of furniture made of sheet materials in the categories of sheet elements, individual elements, furniture, kitchen units and other veneered objects.
- Performing manual and mechanical work operations related to the production of doors and windows.
- Selecting machines, tools, materials and machining methods, solving problems associated with the type of production in question independently or in collaboration with others, and planning and documenting all work processes related to a specific production assignment.
- Carrying out manual and mechanical work operations related to the production of seating furniture, covering the product categories models, seating furniture and furniture for upholstery.
- Solving problems in connection with sketching work, documentation and the planning of the production of seating furniture.
- Making furniture and building components, including independent assessment and planning of all production work processes.
- Making masters and templates for specific assignments.
- Understanding functions related to control technology.