

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

- Carrying out work assignments common to the trade in the fields of forestry and nature preservation, with due consideration of health and safety standards.
- Using elementary knowledge about botanical systems, characteristic plants and the use of individual tree species in practical forestry work.
- Using, operating and maintaining selected machines and tools that are common to forestry and nature preservation on the basis of spoken and written instructions.
- Carrying out work assignments in connection with the establishment of common silviculture systems based on knowledge about soil, water, nutrients, soil treatment methods and the value of different types of soil in the cultivation of specific tree species.
- Building fences, organising and carrying out weed control, and thinning out newly and well established planted areas using hand tools, brushcutters and power saws.
- Performing simple care work in selected biotopes, including streams and small wetland areas, according to instructions.
- Using basic knowledge about financial and market conditions to address simple, well-known business-oriented issues.
- Displaying flexibility, responsibility and interest in connection with practical forestry and nature preservation work.

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

- Operating and maintaining machines and tools that are common to forestry for nature preservation, transport of timber and roadworks.
- Operating and maintaining power saws and chainsaws to which the forester has obtained an NPTC certificate or similar qualifications in a way that complies with health and safety standards, and using other hand-held power tools used in the fields of forestry, nature preservation and tree care.
- Participating in marking trees for removal, organising harvesting of specific stands, and felling, layering, cutting back and measuring small to medium-sized wood on the basis of knowledge about the properties of specific stands and general growth conditions.
- Identifying causes of health and safety problems in connection with work in the field of forestry and nature preservation and using knowledge about health and safety at work, for example to prevent work-related illness and workplace injuries.
- Solving general mathematical problems within the field of forestry and nature preservation and presenting the results using a relevant presentation program.
- Using and understanding English in common work situations and vocational contexts in the field of forestry and nature preservation.
- Handling various collaboration and communication situations and reflecting on and discussing work processes in the field of forestry and nature preservation.
- Analysing and addressing professional issues, including assessing and understanding ideas and views relating to practical work in the fields of production forestry, recreational operation of forests and landscapes, or nature and game management.
- Setting up one's own business and assisting in the innovation and development of businesses, having learned about the concept of self-employment, conditions for setting up a business, and organisational principles governing businesses, using innovation tools and processes.
- Identifying certain biotopes and their immigration corridors, and carrying out maintenance and rehabilitation work in certain biotopes on the basis of a given plan and relevant legislation.
- Using relevant concepts and terminology about wood as a material in different work situations in the field of forestry, including knowledge about the structure, properties and use of wood in various structures and products.
- Collecting data for planning and production in connection with practical work in the fields of production forestry, recreational operation of forests and landscapes, or nature and game management, as well as reporting on plans and production data for subsequent use in the operation of the business.
- Using different communication techniques to provide information to the public and other stakeholders about the purpose of practical forest and landscape work and about the work involved.
- Recognising and using own learning and motivation strengths and weaknesses as a basis for lifelong learning and professional development.

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- Implementing selected parts of an operation plan for nature-based and classic silviculture, taking into account the cultivation factors and technical factors that influence the choice of trees, and siting the most common tree species in suitable locations on the basis of knowledge about soil and climate conditions.
- Working to culture plans and siting tree species to appropriate locations when planting new trees and establishing nature-based forests, and performing such work on the basis of knowledge about what the different tree species require in terms of soil, climate and other growth conditions.
- Planning weed and pest control in the field of forestry, also being able to identify the most common types of weeds and pests and select optimal control methods.
- Organising and executing winching of trees, including selecting appropriate equipment for specific winching assignments and using knowledge about required pulling power and safety measures.
- Working with windfalls in compliance with applicable health and safety standards, using knowledge about basic methods to remove jammed trees and cut free fallen trees.
- Planning and executing the cutting back of medium-sized trees by climbing the trees and using hand tools common to the trade in accordance with applicable health and safety standards.