Education and Culture DG

Lifelong Learning Programme

Leonardo da Vinci Programme
Project no. DE/07/LLP-LdV/TOI/147036
COMMET

Transfer of innovation and new methods for identifyingvocational competence within vocational education in the metal and electrical sector as illustrated by two vocations

Proposal COMPETENCE Grid
Workpackage III

Industrial technician specialising in machinery **DENMARK**

Competence dimension				
Phases of the complete activity	**Specialist competence**	**Methodological competence**	**Social competence**	**Personal competence**
Analysing	**Able** to use his or her knowledge about organisation and application of integrated systems, including CAD/CAM systems. **Able** to analyse arrangement plans and simple technical drawings. Able to draft a functional description of a work piece.	**Able** to acquire and to valuate information's, organise and to maintain different data's. **Able** to indentify problems and to develop learning methods.	**Able** to be tolerant to others. **Able** to develop willingness to communicate. **Able** to provide mutual assistance. **Able** to express self-criticism and to criticise others. **Able** to establish conflict management. **Able** to communicate and to work together with other people. Able to functional and social problem solving.	**Able** to independently gather information. **Able** to have international understanding/comprehension. **Able** to develop responsibility. **Able** to communicate and work with other. **Able** to be initiative and flexible.
Planning	**Able** to create a workshop drawing. **Able** to plan and carry	**Able** to acquire and to valuate information's, organise and to maintain	**Able** to tolerant others. **Able** to develop willingness to	**Able** to plan and manage and at the same time optimise resources in relation to time,

	out production procedures using manually operated machines or CNC machinery. **Able** to plan and carry out repair and maintenance as well as assembly and disassembly of components, machines and productions systems.	different data's. Able to indentify problems and to develop learning methods. **Able** to master basic English. **Able** to plan and choice of methods in relation to specifications at hand.	communicate. **Able** to provide mutual assistance. **Able** to evaluate information – to contribute specialist theory and practice. **Able** to contribute his/her own ideas and to accept the solutions put forward by others in team work. **Able** to understand social, organisational and technological systems.	money and materials. **Able** to evaluate information – know about specialist theory or **able** to work with tables book, formulae compilation, slides and specialist videos. **Able** to identify problems – to develop solution steps and **able** to learn to correctly handle teaching materials. **Able** to promote the handling of problems on a work sharing basis.
Performance	**Able** to prepare a workshop drawing. **Able** to use information technology in daily production, including retrieval of relevant technical information. **Able** to carry out thermal joining assignments. **Able** to work in compliance with relevant quality standards and use technical specifications in Danish or English. **Able** to see and hear if the working process is correct.	**Able** to handle English skills. **Able** to fabrication of components and assembly of the components into functional units. **Able** to repair, maintenance, configuration and running-in of machinery, machine components and systems.	**Able** to be tolerant to others. **Able** to develop willingness to communicate. **Able** to evaluate information – to contribute specialist theory and practice. **Able** to consider labour, health and environmental requirements. **Able** to communicate with others about solutions.	**Able** to apply basic knowledge from primary and secondary school in order to develop mathematical solution paths.
Checking	**Able** to check the	**Able** to independently	**Able** to be tolerant to	**Able** to check compliance

	quality of a work piece. **Able** to check the quality of materials and finished products. **Able** to check and correct tools.	gather information, explain working with manually operated tools. Able to evaluate results.	others. **Able** to develop willingness to communicate. **Able** to provide mutual assistance. **Able** to boost confidence by presenting the results of the work.	with the person-related provisions concerning industrial and health protection in the various methods for cutting, separating and reshaping with manually operated tools.
Documentation	**Able** to draft test protocols.	**Able** to independently gather information, explain work with manually operated tools. **Able** to independently record work results. **Able** to master basic English.	**Able** to be tolerant to others. **Able** to develop willingness to communicate. **Able** to evaluate information – contribute specialist theory and/or practice. **Able** to independently record work results – self-confidence.	**Able** to present work results. **Able** to demonstrate on a model the operation of manually operated tools for cutting, separating and reshaping.
Evaluating	**Able** to evaluate the order-based and scheduled preparation of a workshop drawing.	**Able** to independently gather information, explain work with manually operated tools. **Able** to master basic English.	**Able** to be tolerant to others. **Able** to develop willingness to communicate. **Able** to provide mutual assistance.	**Able** to evaluate work results with manually operated tools for cutting, separating and reshaping.