

**Competence based description of the sphere of activity “International business processes”  
for the vocations Metal Cutting and Electro-mechanical Technician**

**Competence dimension**

<b>Tasks, skills</b>	<b>Knowledge skills</b>	<b>Methodological competences</b>	<b>Social competence</b>	<b>Personal competence</b>
<b>Able to plan and carry out production procedures using manually operated machines or CNC machinery</b>	X			
<b>Able to use his or her knowledge about organisation and application of integrated systems, including CAD/CAM systems</b>	X			
<b>Able to plan and carry out repair and maintenance as well as assembly and disassembly of components, machines and production systems</b>	X	X		
<b>Able to use information technology in daily production, including retrieval of relevant technical information</b>	X			
<b>Able to carry out thermal joining assignments</b>	X			
<b>Able to work in compliance with relevant quality standards and use technical specifications in Danish or English</b>	X			
<b>Configuration and documentation of production processes and CNC machinery</b>		X		
<b>Planning and choice of methods in relation to specifications at hand</b>		X		

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<b>Fabrication of components and assembly of the components into functional units</b>		<b>X</b>		
<b>Repair, maintenance, configuration and running-in of machinery, machine components and systems</b>		<b>X</b>		
<b>Able to understand and informed to understand a document in English and technical English</b>		<b>X</b>		
<b>Able to identify and locate useful information from a written or electronic document. Able to use internet to get information's, e.g. projects.</b>		<b>X</b>		
<b>Able and informed to understand book in English in order to set up and use a machine.</b>		<b>X</b>		
<b>Able to be tolerant to other, and work in teams. Teamwork is very important</b>			<b>X</b>	<b>X</b>
<b>Able to draft technical documents, able to use the computer programme Solid Works.</b>		<b>X</b>		
<b>Able to understand, master basic computer skills</b>			<b>X</b>	
<b>Able to gather information's, especially in connection with tasks and projects</b>			<b>X</b>	<b>X</b>
<b>Able to work independently, able to make decisions, able to focus on details</b>			<b>X</b>	<b>X</b>

Notice: Range of occupations accessible to the holder of the certificate

- ◆ Planning, programming, set-up and implementation of production processes based on CNC machinery and integrated production systems
- ◆ Performance of construction and production assignments by means of CAD/CAM systems
- ◆ Planning and execution of production on manually operated machines
- ◆ Repair and maintenance of machines and production equipment
- ◆ Installation of pneumatic, hydraulic or power-operated systems

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