

<b>1. TITLE OF THE CERTIFICATE <sup>(1)</sup></b>
<b>Metallilõikepinkidel töötaja, tase 4</b>
<sup>(1)</sup> in the original language

<b>2. TRANSLATED TITLE OF THE CERTIFICATE <sup>(1)</sup></b>
<b>CNC machine operator, level 4</b>
<sup>(1)</sup> if applicable. This translation has no legal status.

<b>3. PROFILE OF SKILLS AND COMPETENCIES</b>
<p>Machine tool operators are mainly employed in mechanical engineering companies that perform metalworking by means of turning and milling.</p> <p>Depending on the vocational training of the operator, the work is carried out by means of a lathe or milling machine, on which he/she machines the work pieces in accordance with the drawings and control programme. The main tasks of a machine tool operator are machining, threading and drilling various profiled surfaces using conventional as well as CNC machine tools. (CNC – Computer Numerical Control.)</p> <p>He/she sets up the machine tool in accordance with the provided technical documentation or works on pre-set machine tools. The machine tool operator ensures the quality of the processed component.</p> <p>A machine tool operator can specialise in two fields:</p> <p>a) miller b) turner</p> <p>These specialities contain the skills and knowledge required for working on both conventional and CNC machine tools.</p> <p>The main task of a miller is the production of work pieces by machining surfaces, openings, shoulders and grooves using a milling machine.</p> <p>The main task of a turner is mainly the production of rotary type work pieces: machining and threading surfaces, shoulders, openings and grooves using a lathe.</p> <p><b>Mandatory competencies</b></p> <ul style="list-style-type: none"> <li>- Preparation of work process</li> <li>- Examining working drawings and documents</li> <li>- Organising a proper workplace</li> <li>- Verifying the good condition of the machine tool</li> <li>- Checking the compliance of the blank</li> <li>- Performing maintenance work of machine tools</li> <li>- Performance of regular maintenance and cleaning work</li> <li>- Registration of technical problems</li> </ul> <p><b>Competencies related to specialisation</b></p> <ul style="list-style-type: none"> <li>- Machining work pieces on a conventional and CNC milling machine</li> <li>- Setting up a conventional milling machine for the manufacture of work pieces</li> <li>- Manufacture of work pieces on a conventional milling machine</li> <li>- Setting up and preparing a CNC milling machine for work</li> <li>- Manufacture of work pieces on a CNC milling machine</li> </ul>

## <sup>(\*)</sup>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.

More information available at: <http://europass.cedefop.europa.eu/en/home>

- After treatment of work pieces and storage within the limits of the work place
- Machining work pieces on a conventional and CNC lathe
- Setting up a conventional lathe for the manufacture of work pieces
- Manufacture of work pieces on a conventional lathe
- Setting up and preparing a CNC lathe for work
- Manufacture of work pieces on a CNC lathe
- After treatment of work pieces and storage within the limits of the work place

#### 4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE <sup>(1)</sup>

Turner, miller

<sup>(1)</sup> If applicable

#### 5. OFFICIAL BASIS OF THE CERTIFICATE

<b>Name and status of the body awarding the certificate</b>	<b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b>
The occupational certificate that has been issued by the professional council that operates under the activity license issued by a Awarding Body	Sector Skills Council approved by a Regulation of the Government of the Republic
<b>Level of the certificate (national or international)</b>	<b>Grading scale / Pass requirements</b>
Estonian Qualification Framework level 4 European Qualification Framework level 4	passed/fail
<b>Access to next level of education/training</b>	<b>International agreements</b>
Machine tool operator, level 5	
<b>Legal basis</b>	
Occupational Qualifications Act (RT I 2008, 24, 156; 01.09.2008)	

#### 6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

In order to obtain a occupational certificate, the applicant has to prove all his/her competencies required by the occupational standard and by the procedure for awarding of occupational qualification established by the body awarding the occupational qualification.

**More information** (including a description of the national qualifications system) available at:  
[www.kutsekoda.ee](http://www.kutsekoda.ee)