

1. TITLE OF THE CERTIFICATE ⁽¹⁾
Metallilõikepinkidel töötaja, tase 5
⁽¹⁾ in the original language

2. TRANSLATED TITLE OF THE CERTIFICATE ⁽¹⁾
CNC machine operator, level 5
⁽¹⁾ if applicable. This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCIES
<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 speciality of the operator, work is carried out on a CNC lathe or CNC milling machine (CNC – Computer Numerical Control), on which he/she machines the work pieces according to the drawings and control programme. The main tasks of a machine tool operator are machining, threading and drilling various profiled surfaces.</p> <p>A machine tool operator of level 5 sets up the machine tool in accordance with the provided technical documentation or works on pre-set machine tools. If required, he/she changes the existing settings or independently draws up control programmes in the CAD/CAM system.</p> <p>Depending on the organisation of work, he/she can also supervise less experienced co-workers or arrange the work of a small team.</p> <p>The occupational qualification of a machine tool operator, level 5 is based on specialisation:</p> <p>CNC milling machine operator, level 5</p> <p>CNC lathe operator, level 5</p> <p>The tasks of a miller include the manufacture of work pieces by means of machining surfaces, shoulders and grooves on a milling machine.</p> <p>The task of a turner is mainly the manufacture of rotary type work pieces by means of machining and threading surfaces, shoulders and grooves on a lathe.</p> <p>Mandatory competencies</p> <ul style="list-style-type: none"> - Preparation of work process - Examining working drawings and documents - Organising a proper workplace - Verifying the good condition of the machine tool - Checking the compliance of the blank - Performing maintenance work of machine tools - Performance of regular maintenance and cleaning work - Registration of technical problems - Organisation of work and supervision of co-workers - Planning the activities - Planning and organising the resources - Minimising the material consumption - Monitoring the observance of deadlines - Using the various functions of the machine tool

^(*)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>

- Delegation of work
- Supervision of employees, making proposals for in-service training
- Making proposals for improving the organisation of work

Competencies related to specialisation

- Machining work pieces on a CNC milling machine
- Setting up a CNC milling machine for the manufacture of work pieces
- Manufacture of work pieces on a CNC milling machine
- After treatment of work pieces and storage within the limits of the work place
- Machining work pieces on a CNC lathe
- Setting up a CNC lathe for the manufacture of work pieces
- 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 ⁽¹⁾

Turner, miller

⁽¹⁾ If applicable

5. OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the body awarding the certificate	Name and status of the national/regional authority providing accreditation/recognition of the certificate
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
Level of the certificate (national or international)	Grading scale / Pass requirements
Estonian Qualification Framework level 5 European Qualification Framework level 5	passed/fail
Access to next level of education/training	International agreements
Legal basis 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