

1. TITLE OF THE CERTIFICATE ⁽¹⁾

Arvjuhtimisega metallilõikepinkide operaator I

⁽¹⁾ in the original language

2. TRANSLATED TITLE OF THE CERTIFICATE ⁽¹⁾

CNC Machine tool operator I

⁽¹⁾ if applicable. This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCIES

- basic knowledge of economy, legislation, occupational health and safety of the work environment
- basic records management skills
- knowledge of the materials used in mechanical engineering and their properties
- knowledge of the foundations of cutting theory (CNC workbench, cutting tool, auxiliary tool, cutting modes)
- knowledge of the CNC control systems and the principles of creation of the control programs
- knowledge of the nature of the applied CAD/CAM system
- skill to create control programs for manufacturing simpler parts (using CAD/CAM software if necessary)
- skill to manufacture various simpler parts on machine tools (lathes, drills, millers)
- basic knowledge of the stages and processes of production
- skill to use various quality control instruments (ruler, calliper, micrometer, indicator, protractor)
- skill to use equipment in compliance with their user manuals
- skill to read design drawings
- knowledge of the foundations of tolerance determination
- skill to use local lifting and positioning equipment
- knowledge of the finished product storage, packaging and transportation conditions

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE ⁽¹⁾

- mechanical engineering companies
- mechanical plants or divisions

⁽¹⁾ If applicable

^(*) 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>

© European Communities 2002

5. OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the body awarding the certificate The occupational certificate that has been issued by the professional council that operates under the activity license issued by a Awarding Body	Name and status of the national/regional authority providing accreditation/recognition of the certificate Sector Skills Council approved by a Regulation of the Government of the Republic
Level of the certificate (national or international) Estonian Occupational Qualifications System, level I Estonian Qualifications Framework, level 3 European Qualifications Framework, level 3	Grading scale / Pass requirements 1. examination of knowledge (multiple-choice written test); 2. examination of skills (practical assignment). Examination of skills can be taken only after completion of the written test with a positive result. Practical assignment means independent manufacturing of a product according to given design drawings.
Access to next level of education/training CNC machine tool operator level II Mechatronic level II	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