



EUROPASS CERTIFICATE SUPPLEMENT (*)



Republic of Estonia

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 level I

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

3. PROFILE OF SKILLS AND COMPETENCIES

A holder of the CNC machine tool operator level I professional certificate should have:

- 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.eu.int>

5. OFFICIAL BASIS OF THE CERTIFICATE

<p>Name and status of the body awarding the certificate</p> <p>Federation of Estonian Engineering Industry Mustamäe tee 4 10621, Tallinn, Estonia Ph: +372 611 5893 Fax: +372 65 64 022 E-mail: emliit@emliit.ee www.emliit.ee in cooperation with OÜ KOO-MET (registry code): www.koo-met.ee koo-met@koo-met.ee</p>	<p>Name and status of the national/regional authority providing accreditation/recognition of the certificate</p> <p>Estonian Qualification Authority 'Kutsekoda' Mustamäe tee 16 10617 Tallinn, Estonia Ph. +372 679 1700 Fax +372 679 1701 E-mail kutsekoda@kutsekoda.ee www.kutsekoda.ee</p> <p>The private law foundation 'Kutsekoda' (Professions Chamber) was established in 2001 in cooperation with the Estonian Government to continue the creation of the system of professions started in 1997 by the Estonian Chamber of Commerce and Industry. The objectives of the Professions Chamber include establishment and development of an integrated and organised professional qualifications system, establishment of prerequisites for achieving comparability of the qualifications of Estonian employees and acknowledgement of other countries, as well as management of the state register of professions as the authorised processor.</p>
<p>Level of the certificate (national or international)</p> <p>National: Estonian professional qualifications system Profession level I</p>	<p>Grading scale / Pass requirements</p> <p>Attestation of level I professional qualifications proceeds as follows:</p> <ol style="list-style-type: none"> 1. examination of knowledge (multiple-choice written test); 2. examination of skills (practical assignment). <p>Examination of skills can be taken only after completion of the written test with a positive result.</p> <p>Practical assignment means independent manufacturing of a product according to given design drawings.</p>
<p>Access to next level of education/training</p> <p>CNC machine tool operator level II Mechatronic level II</p>	<p>International agreements</p>
<p>Legal basis</p> <p>Professions Act (RT I 2008, 24, 156; 01.09.2008)</p>	

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Application entry requirements (level of education or training, professional experience, in-service training, etc.) Please indicate duration if required.

Prerequisites:

Work experience, professional

In-service training: Continuous improvement of professional skills

Level of education (required/recommended): basic education, professional training

More information (including a description of the national qualifications system) available at:

www.kutsekoda.ee