

## 1. TITLE OF THE CERTIFICATE <sup>(1)</sup>

**Mehhatroonik, tase 4**

<sup>(1)</sup> in the original language

## 2. TRANSLATED TITLE OF THE CERTIFICATE <sup>(1)</sup>

**Mechatronic, level 4**

<sup>(1)</sup> if applicable. This translation has no legal status.

## 3. PROFILE OF SKILLS AND COMPETENCIES

Mechatronics is a sector of technology related to the synergy of mechanical, electronic and IT systems.

A mechatronic is a skilled worker who works in a company of the sector of mechatronics, automatics, equipment industry or electronics. Their main job tasks are assembling, using and testing mechatronic devices, systems and sub-systems to ensure their smooth functioning. They adjust mechatronic systems on the basis of a work description with the use of suitable controls and measuring tools.

Upon performing their job tasks, the mechatronic shall be guided by the work instructions, technical and normative documents, and quality requirements.

Parts of work:

1. Assembling and installing mechatronic equipment and subsystems
  - Assembling, installing and disassembling components of mechatronic equipment and subsystems.
  - Assembling, installing and disassembling mechatronic subsystems.
  - Installing and setting components of mechatronic subsystems.
  - Documenting works, preparing user manuals and completion drawings.
2. Handling mechatronic equipment and subsystems
  - Handling, setting and testing mechatronic equipment or subsystems.
  - Measuring electrical and non-electrical amounts.
  - Regular monitoring of the work of mechatronic equipment and subsystems.
  - Carrying out maintenance and repair works on mechatronic equipment and subsystems.
  - Carrying out user training of equipment for the client.
3. Installing, setting and handling equipment and subsystems of industrial and production mechatronics
  - Installing and setting equipment and subsystems of industrial and production mechatronics.
  - Entering, adjusting and using equipment of industrial and production mechatronics and control programmes of subsystems.
  - Monitoring and controlling the technological processes of industrial and production mechatronics equipment and subsystems.
  - Maintaining equipment and subsystems of industrial and production mechatronics.

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

### <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>

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## 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>
Mechatronic, level 5	
<b>Legal basis</b>	
Occupational Qualifications Act (RT I, 10.12.2010, 12; 01.01.2011)	

## 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)