

1. TITLE OF THE CERTIFICATE - ET ⁽¹⁾**Mehhatroonik, EKR tase 4**⁽¹⁾ In the original language2. TRANSLATED TITLE OF THE CERTIFICATE ⁽¹⁾**Mechatronic, EstQF Level 4**⁽¹⁾ If applicable. This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCIES

Mechatronic, Level 4 constructs, installs, configures and services mechanical, hydraulic, pneumatic, electromechanical and electronic equipment.

They perform their duties independently or as part of a team.

The work requires basic knowledge in the fields of mechanics, electricity, electronics and information technology.

Mechatronic, Level 4 can work in enterprises offering mechanical, automation, electronics industry and maintenance services. A mechatronics engineer working in the clothing, food, plastics, metal or other production industries understands the nature of the respective production process.

The duties of a mechatronics engineer may partly overlap with the duties of skilled workers from enterprises in connected fields (e.g. automation engineer or robot operator).

A holder of a Mechatronic, EstQF Level 5 occupational qualification certificate is able to fulfil the following tasks:

1. Planning of work

- Finding the necessary information from technical documentation.
- Planning their activities.
- Finding and preparing materials and work equipment.

2. Conformity with safety requirements

- Following safety requirements.
- Organising a safe workplace.
- Using safety and personal protective equipment.

3. Constructing and installing equipment

- Assembling and installing components.
- Programming equipment.
- Configuring equipment.
- Documentation.

4. Planned equipment maintenance

- Conducting checks.
- Conducting maintenance.
- Documentation.

^(*) 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/et/home>

5. Maintenance repairs of equipment
- Identifying and resolving faults.
 - Repairing and replacing equipment and components.
 - Checks and activation.
 - Documentation.

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

Mechatronic, configurator, aircraft mechanic, marine equipment mechanic, mechanic, operator, etc.

⁽¹⁾ If applicable

5. OFFICIAL BASIS OF THE CERTIFICATE

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

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