

1. TITLE OF THE CERTIFICATE - ET <sup>(1)</sup>
<b>Diplomeeritud elektriinsener, EKR tase 7</b>
<sup>(1)</sup> In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE <sup>(1)</sup>
<b>Diploma Electrical Engineer, EstQF level 7</b>
<sup>(1)</sup> If applicable. This translation has no legal status.

<h3>3. PROFILE OF SKILLS AND COMPETENCIES</h3> <p>It is the job of electrical engineers to ensure the effective, safe, environmentally friendly and both economically and socially acceptable functioning of electrical systems and equipment.</p> <p>Diploma electrical engineer, Level 7 is an experienced specialist whose role is to maintain and develop existing technologies. They are prepared to work with a team of engineers and specialists in related areas, lead working teams or the organisation and assume responsibility for the employees' performance. The job requires individual action in situations that are complex and unexpected and call for an innovative approach.</p> <p>It is the job of electrical engineers to ensure the effective, safe, environmentally friendly and both economically and socially acceptable functioning of electrical systems and equipment. An electrical engineer with level 8 accreditation is a senior specialist with widespread experience whose role is to maintain and develop existing technology as well as to invent new types.</p> <p>As a leader, they are responsible for the strategic activities of a unit or organisation. They are prepared to work in a team with engineers and specialists from connected fields. The work entails independent activity, which demands mastery in complex, undefined situations that may require new strategic approaches.</p> <p>Diploma electrical engineers specialise in:</p> <ul style="list-style-type: none"> <li>- electrical networks and systems (transmission and distribution systems, larger electrical power plants and large-scale consumers with transmission systems);</li> <li>- electric automation (automated devices and systems which control the operations of power plants, electrical systems and consumers);</li> <li>- electrical installations of the consumer (electrical installations starting from the distribution system supply point, including small-scale and micro power plants).</li> </ul> <p>Competence in at least one of the listed fields must be certified during every instance of specialisation (elective duties):</p> <ol style="list-style-type: none"> <li>1) research and education</li> <li>2) development and management</li> <li>3) energy policy</li> <li>4) electrical and technological commerce</li> <li>5) planning</li> </ol>
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#### <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/et/home>

6) installation, operation and oversight

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

Power engineer, designer, project manager, site manager, building manager, duty manager, duty coordinator, dispatcher, consultant, expert, development manager, analyst, researcher

<sup>(1)</sup> If applicable

#### 5. OFFICIAL BASIS OF THE CERTIFICATE

<b>Name and status of the body awarding 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	<b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b> Sector Skills Council approved by a Regulation of the Government of the Republic
<b>Level of the certificate (national or international)</b> Estonian Qualification Framework level 7 European Qualification Framework level 7	<b>Grading scale / Pass requirements</b> passed/fail
<b>Access to next level of education/training</b> Chartered Electrical Engineer, EstQF level 8	<b>International agreements</b>
<b>Legal basis</b> 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](http://www.kutsekoda.ee)