

1. TITLE OF THE CERTIFICATE ⁽¹⁾

Diplomeeritud elektriinsener V

⁽¹⁾ in the original language

2. TRANSLATED TITLE OF THE CERTIFICATE ⁽¹⁾

Diploma Electrical Engineer V

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

3. PROFILE OF SKILLS AND COMPETENCIES

- has a thorough knowledge of the theoretical foundations of the specialty,
- is familiar with technical equipment, technology and systems and is able to use, operate and repair them,
- is familiar with technical equipment, technology and systems and is able to solve technical problems creatively in the following fields:
 heat engineering equipment,
 electrical part of power stations,
 electrical equipment of substations,
 overhead and cable lines,
 automation and relay protection of power networks,
 automation and relay protection of power stations,
- is familiar with the basic trends in energy policy,
- is familiar with the development models in power engineering,
- is familiar with the basics of energy marketing,
- is familiar with the problems of technology development and innovation,
- is familiar with the problems of management of energy systems,
- is able to assess the environmental impact of equipment,
- is familiar with thermodynamic processes,
- has the basic knowledge in heat management and economics,
- is familiar with the problems associated with the management of power stations,
- is able to calculate, design and analyse the properties of power networks,
- is familiar with the issues of insulation and overvoltage,
- follows the professional code of ethics,
- is proficient in at least two foreign languages.

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

- Power stations;
- Companies associated with electricity production;
- Power network operators;

^(*) 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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- Design and consultation companies;
- Institutions of technical vocational and higher education and universities
- Companies associated with the operation of power networks;
- Companies associated with the construction of power networks;
- Companies associated with the design and consultation related to power networks,

⁽¹⁾ If applicable

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 system of vocations: level V European Qualifications Framework (EQF): level 7 | Grading scale / Pass requirements On the basis of documents; Evaluation is given by an anonymous reviewer; Award of professional qualifications is decided by the members of the professional qualifications committee through voting. |
| Access to next level of education/training Chartered Electrical Engineer V | 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.

The qualifications of a Diploma Electrical Engineer are awarded without a term.

More information (including a description of the national qualifications system) available at:
www.kutsekoda.ee