



CERTIFICATE SUPPLEMENT (*)



1. TITLE OF THE CERTIFICATE (EN)

Electric distribution technician

2. TRANSLATED TITLE OF THE CERTIFICATE (IS)

Rafveituvirki - rafveituvirkjun

This translation has no legal status

3. PROFILE OF SKILLS AND KNOWLEDGE

The holder

- works on distribution and transmission systems according to current regulations and standards. Is able to install and look after the maintenance of all types of electrical devices used for distributing and transmitting electricity
- watches over the carrier capacity and that the right equipment is used when installing transmission and distribution systems in air or ground. Knows how to use the correct underground connectors and understands the importance of underground networks
- reads design drawings and work descriptions for the installation of transmission and distribution systems and the installation of any electrical devices needed. Is able to locate simple faults and look after the maintenance of electrical equipment and explain how it works, calculate quantities and make project plans
- has basic knowledge of computer equipment for machines, software and internet
- uses the appropriate measuring devices in his work and locates simple faults and makes repairs in transmission and distribution systems
- ensures safety and uses appropriate safety precautions when working on transmission and distribution systems in operation as well as when they are switched off
- has good knowledge of risk assessment for work on high voltage electrical energy distribution centres and is able to install and operate low and high voltage systems
- is familiar with the consequences of accidents caused by electricity and knows how to deal with them. Is familiar with regulatory authorities regarding monitoring control and safety issues
- is familiar with environmental issues and shows respect for the countryside and landowners. Is able to locate distribution and transmission systems according to maps and GPS co-ordinates
- is able to determine which technique is suitable under different circumstances and rationalise it
- adheres to quality requirements and is able to guide others, such as apprentices and consumers, on professional projects.

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE

Electric-distribution technicians work on installations, performing of measurements, maintenance and repair of any type of wiring and electrical equipment for the transmission and distribution of electricity from its production to the end user. Those who have earned a journeyman's certificate in electric distribution technology issued by the Minister of Industry and Innovation are authorised to work as electric distribution technicians.

(*) 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. For further information visit: www.cedefop.eu.in/transparency

5. OFFICIAL BASIS OF THE CERTIFICATE

<p>Name and status of the body awarding the certificate An Icelandic upper secondary school operating on the basis of the Upper Secondary School Act and the National Curriculum for Upper Secondary Schools, issued by the Minister of Education, Science and Culture.</p>	<p>Name and position of governing body or region that looks after certifying or confirming the certificate The Ministry of Education, Science and Culture</p>
<p>Level of the certificate (national or international) Upper secondary school level Isced 3 Icelandic Qualifications Framework (ISQF) Level 3 – EQF Level 4</p>	<p>Grading scale / Pass requirements 1-10 Passing grade 5.</p>
<p>Examples of further educational opportunities Studies for master of crafts examination, additional studies for matriculation or technical studies</p>	<p>International agreements</p>
<p>Legal basis The Upper Secondary School Act no. 92/2008, regulation regarding journeyman's examination no. 698/2009 The Industrial Act no. 42/1978 and regulations on Authorised Branches of Industry no. 940/1999</p>	

6. FRAMEWORK AND ORGANISATION OF TRAINING

The average duration of the education and training programme is four years. Formal education for six to seven school terms, and either 24 or 48 weeks of on-the-job training depending on the duration of the formal education. The programme concludes with a journeyman's examination.

Entry requirements

To have passed final exams of compulsory education

Additional information

Further information may be found on <http://eng.menntamalaraduneyti.is>

National reference point

The Ministry of Education, Science and Culture, <http://eng.menntamalaraduneyti.is>