



# CERTIFICATE SUPPLEMENT (\*)



## 1. TITLE OF THE CERTIFICATE (EN)

**Electrician**

## 2. TRANSLATED TITLE OF THE CERTIFICATE (IS)

**Rafvirki - rafvirkjun**

**This translation has no legal status**

## 3. PROFILE OF SKILLS AND KNOWLEDGE

### The holder

- installs and looks after electronic installations and electrical equipment in buildings, vessels, boats and electrical energy distribution centres according to current standards and regulations
- looks after the maintenance of electronic machines and equipment as well as initial installations and the running of electronic systems in vehicles on land and sea
- reads diagrams of electrical installations in order to install, locate faults or maintain electrical devices. Is able to use the diagrams to explain the function of the equipment and calculate quantities and make project plans
- is familiar with electrical devices, machines, industrial computer control equipment, control equipment and programmable electric installations and is able to install and look after their maintenance
- has fundamental knowledge of the mechanism and application of computer systems, knows the most common concepts of lighting technology and can establish lighting requirements in different circumstances
- is able to use the appropriate measuring devices in his work and locate faults and repair electronic devices and equipment
- ensures safety and uses the appropriate safety precautions for the electrical trade and knows which regulatory agency is responsible for monitoring control and security affairs
- acts in a professional way and is able to keep up his professional knowledge
- is able to determine which technique is suitable under different circumstances and instruct others
- is familiar with the organisation and infrastructure of the companies and establishments run for the benefit of electrical workers and understands their purpose.

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

Electricians work in electrical workshops, new buildings, vehicles on land and sea, in wholesale and electrical retail shops, industrial companies or plants, on the installation, maintenance, repair and inspection of electrical equipment for the processing and distribution of electricity, electrical appliances and electrical systems. Those who have earned a journeyman's certificate issued by the Minister of Industry and Innovation are authorised to work as electricians.

(\*) 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.int/transparency](http://www.cedefop.eu.int/transparency)  
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## 5. OFFICIAL BASIS OF THE CERTIFICATE

<b>Name and status of the body awarding the certificate</b> 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.	<b>Name and position of governing body or region that looks after certifying or confirming the certificate</b> The Ministry of Education, Science and Culture
<b>Level of the certificate (national or international)</b> Upper secondary school level Isced 3 Icelandic Qualifications Framework (ISQF) Level 3 – EQF Level 4	<b>Grading scale / Pass requirements</b> 1-10 Passing grade 5.
<b>Examples of further educational opportunities</b> Studies for master of crafts examination, additional studies for matriculation or technical studies	<b>International agreements</b>
<b>Legal basis</b> 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	

## 6. FRAMEWORK AND ORGANISATION OF TRAINING

The average duration of the education and training programme is four years, organised as follows; Route 1: Formal education for seven school terms, or 126 weeks including examinations, and 36 weeks of on-the-job training; Route 2: Formal education for four school terms, or 72 weeks including examinations, and 96 weeks of on-the-job training. 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>