



CERTIFICATE SUPPLEMENT (*)



1. TITLE OF THE CERTIFICATE (EN)

Electronics technician

2. TRANSLATED TITLE OF THE CERTIFICATE (IS)

Rafeindavirki - rafeindavirkjun

This translation has no legal status

3. PROFILE OF KNOWLEDGE AND SKILLS

The holder

- installs, sets, repairs and looks after the maintenance of electronic equipment according to current standards and regulations
- is able to design and draw, simulate, make and program industrial microprocessors and industrial controls, simple electronic circuits and circuits that connect detectors, microcomputers, motors (electronic mechanics) and other equipment
- is able to read and draw electronic and telecommunication drawings for installing, locating fault and look after the maintenance of electronic devices and is able to use the drawings to explain their functionality. Is able to quantify and make project plans based on the drawings
- is familiar with the principal techniques used for transmitting and receiving telecommunication signals both through wire and air and is able to design and install communication systems according to current standards and regulations
- has good knowledge on computer hardware, software and internet equipment
- is able to use the appropriate measuring devices in his work and locate faults and repair electronic equipment and wiring
- 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 and responsible way and is able to assess his own work. Is able to determine which technique is suitable under different circumstances and justify his recommendations
- adheres to quality requirements and is able to guide others, such as apprentices and consumers about professional projects
- 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

Electronics technicians work on installations, maintenance and repair of communication systems and electrical equipment, computer equipment for homes, companies and institutions as well as on electronic devices in transport vehicles on air, land and sea. Those who have earned a journeyman's certificate in electronics technology issued by the Minister of Industry and Innovation are authorised to work as electronics 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.

More information on transparency is available at: www.cedefop.eu.int/transparency

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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

<p>The average duration of the education and training programme is four years as follows: Formal education for seven school terms, or 126 weeks including examinations and 24 weeks of on-the-job training. The programme concludes with a journeyman's examination.</p> <p>Entry requirements To have passed final exams of compulsory education</p> <p>Additional information Further information may be found on http://eng.menntamalaraduneyti.is</p> <p>National reference point The Ministry of Education, Science and Culture, http://eng.menntamalaraduneyti.is</p>
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