



CERTIFICATE SUPPLEMENT (*)



1. TITLE OF THE CERTIFICATE ()

Telecommunication technician, telecommunication technics

2. TRANSLATED TITLE OF THE CERTIFICATE ()

Símsmiður, símsmíði

This translation has no legal status.

3. DESCRIPTION OF KNOWLEDGE AND SKILLS

The holder

- Is familiar with the main qualities and workings of materials used in telecommunication technics, knows the correct handling of those and understands the possible dangers and environmental effects they may have
- Is familiar with and knows the correct application of all major machines and tools that telecommunication technicians use in their work, as well as their maintenance and care
- Is familiar with safety precautions in the workplace and arranges his or her work in such a way that health and safety, of self and others, is not at risk
- Knows the qualities and types of cables and knows how to handle them under different circumstances
- Can lay cables, coax and fibre optic cables, and understands the order of lines in a cable, as well as colour coding
- Is able to connect copper cables, plastic coated cables, coax and fibre optic cables manually and mechanically
- Can find and repair malfunctions in cables, open a cable and dry it out
- can find out line numbers in cables and connect lines on connections module and order lines
- Is familiar with and can use devices used to measure the specific location of malfunctions in cables
- Can draw up a diagram of old and new cables and measure the position of a street cable from a building or other fixed point
- Can perform or supervise the digging of ditches for cables or pipes, sanding, compression and final preparation for use
- Can lay cables from a building box to a building outlet and/or user equipment based on a diagram, and assess the materials needed for the job
- Can connect user equipment according to a diagram and knows what each and every connecting point on the equipment represents
- Can test telephone lines, connect them into measuring devices, read from those and locate a malfunction in a line system
- Can fill out working notes, make entries in line books and card indexes and update those

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

Telecommunications technicians lay telephone cables in the ground, connect them with intake boxes and connect those with telephones and other user equipment, such as modems, teletext machines, fax machines, computers and more. They lay cables over to building systems. Telecommunications technicians search for malfunctions and oversee repairs of cables for building systems. They work only at low voltage, i.e. 48 volts or less. Authorised to work as telecommunications technicians are those who have earned a journeyman's certificate in telecommunications technics, issued by the Minister of Industry and Trade.

(*) 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

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.	Name and position of governing body or region that looks after certifying or confirming the certificate The Ministry of Education, Science and Culture
Level of the certificate (national or international) Upper secondary school level Isced 3	Grading scale / Pass requirements 1-10 Passing grade 5.
Access to next level of education/training Additional studies for matriculation, studies for a master examination or technical studies.	International agreements
Legal basis The Upper Secondary School Act no. 80/1996, regulation regarding journeyman's examination no. 525/2000 The Industrial Act no. 42/1978 and regulations on Authorised Branches of Industry no. 940/1999. The pathway was closed in 2009.	

6. FRAMEWORK AND ORGANISATION OF TRAINING

<p>The average duration of the education and training programme is three years, organised as follows: formal education for four school terms, or 72 weeks including examinations, followed by 48 weeks of on-the-job training. The programme concludes with a journeyman's examination.</p> <p>Entry requirements Primary school graduation certificate</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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