



The candidates who have accomplished the criteria of the final examination will receive a **certificate of apprenticeship of Liechtenstein as well as a report card** and they have the right to assume this legally protected occupational title.



Liechtenstein

1. LEGALLY PROTECTED TITLE

Electro Technician

2. DESCRIPTION

Electro technicians build, maintain and repair all electrical installations inside and outside of buildings. Their work includes laying pipes, connecting and implementing electrical devices and systems of sometimes complex nature. Electro technicians are responsible for the electrical installation and connection of household, agriculture, trading and industry equipment. They establish the connection from the house (i.e. from the site where the electricity enters the house) to the outlet and to the energy consumer. "Energy consumer" is the generic term for various devices such as lamps, kitchen stoves, electronic heaters, alarm systems, motors, transformers or telecommunication equipment such as telephones, faxes and computers. The field of activity is wide in terms of assignments, materials and various, often changing work places.

This translation does not have a legal status.

3. PROFILE OF PROFESSIONAL SKILLS AND QUALITIES

Those who have completed this professional training successfully will have gained competence of basic as well as many technical skills related to this profession. In addition, electro technicians are able to: systematically prepare work orders, carry out light installations as well as installations of common technical and electrical systems including electric and / or electro magnetic switches, circuits and control devices and their respective measuring and distribution systems, implement and troubleshoot high or low voltage systems, install telematics, independently carry out assignments according to orders or blueprints, independently carry out service and repair work, independently measure dimensions, carry out measurements by means of the most common instruments, verify protective devices and locate errors.

The scope of work includes rough jobs such as chasing walls and fine work such as establishing cable connections with exact solder joints. Responsible proceeding and compliance with the safety guidelines are especially important when working with electricity. Electro technicians complete some of their work alone and some as part of a team.

4. PROSPECTIVE PROFESSIONAL FIELDS OPEN TO THE HOLDERS OF AN ELECTRO TECHNICIAN CERTIFICATE

Electro technicians work in electro installation companies, industry, electric power companies, electric material wholesalers and similar companies. Relevant further training may provide the opportunity of managing an own installation company.

5. LEGAL BASIS OF THE CERTIFICATE OF ACCOMPLISHMENT

Authority issuing the certificate of apprenticeship

Liechtensteinisches Amt für Berufsbildung
Postgebäude
Postfach 22
FL- 9494 Schaan

Status:

Department of vocational and educational training
Liechtenstein
Controlling institution according to the vocational training law.

<p>International level (national and international) of the certificate ISCED3A (CFC with general qualification for university entrance) ISCED3B (CFC without general qualification for university entrance)</p>	<p>Rating / rules of accomplishment The performance is ranked from 6 to 1. 6 is the best mark. The mark 4 and higher indicates sufficient performance. The result of the exam is shown in a cumulative grade (out of the subjects). The exam is passed successfully if neither the subject mark "practical assignment" nor the cumulative grade are below 4.</p>
<p>Next professional level CFC ISCED3A qualifies the holder to enter a higher vocational school with the aim to obtain the "Berufsmaturität" (final exam at a higher vocational school). After that, one may attend technical colleges and universities in Austria, Switzerland and Liechtenstein. CFC ISCED3B entitles the holder to enter vocational schools.</p>	<p>International contracts As member of the EEA Member of the United Nations</p>
<p>Legal basis</p> <ul style="list-style-type: none"> • Vocational and educational training law of the Principality of Liechtenstein of July 17th 1976 • Decree of May 31st 1977 on acknowledgement of the Swiss professional training in Liechtenstein • Rules of procedure of vocational training and the final exam of the specific profession 	

<p align="center">6. OFFICIALLY ACKNOWLEDGED WAYS OF OBTAINING THE CERTIFICATE OF APPRENTICESHIP</p>	
<p>Basis Swiss regulations of vocational training of February 1st, 2000 Duration 4 years Practical training Within an electro installation company Theoretical training Approximately one day per week at a vocational school (lesson distribution over the course of the apprenticeship may vary in different regions) Profession-related courses mathematics, basic science, electrical engineering, technical drawing, telematics, standards and installation science etc. "Berufsmaturität" With excellent scholastic performance, it is possible to visit a higher vocational school during the apprenticeship in order to obtain the "Berufsmaturität" Diploma Certificate of apprenticeship of Liechtenstein as "Qualified Electrician"</p>	
<p>Conditions for admission Completed lower secondary school ISCED2PV or intermediate secondary school ISCED2A, with good performance in geometry, mathematics and physics. Sneak checks may be required in certain regions.</p> <p>Candidate profile Robust health, agility and strength, mechanical skills, fine motor skills, no colour-blindness (cables need to be recognised and differentiated by colour), abstract logical thinking and good understanding of technical concepts, exact and responsible work habits, able to work in a team, enjoys frequently changing workplaces.</p>	