

# Certificate Supplement

## 1. Legally protected title of the qualification

Elektroplanerin / Elektroplaner mit Fähigkeitszeugnis (FZ)

## 2. Translated title of the qualification

Electrician Installation Designer

Diploma of Vocational Education and Training

## 3. Profile of skills and competences

Holders of this qualification are proficient in the following activities and have the following knowledge, skills and attitudes:

- They plan electrical high-voltage systems for the supply and efficient use of energy, low-voltage, communication and security systems as well as building automation systems.
- They coordinate and support projects until they are handed over to the customer and, if necessary, optimise systems after commissioning, taking energy efficiency into account.
- They work on projects at their main place of work in the office using CAD and planning software. Individual drawings are also done by hand.
- They clarify matters on the construction site or in facilities and hold meetings with external bodies.
- They possess good spatial awareness, work precisely and think and act in an integrated manner.
- In their field of work, they show aptitude for organisational and planning tasks and show a high degree of social commitment and personal responsibility.

## 4. Range of occupations accessible to the holder of the qualification

Holders of this qualification work for electrical engineering offices, planning departments of electrical installation companies or electricity companies. When planning installations, they focus on various high-voltage and low-voltage systems for energy generation and use, communication and automation in residential, office and industrial buildings.

In electricity companies, they plan high-voltage systems for the development of entire districts and low-voltage systems for the distribution of electrical energy in buildings. They prepare quotation documents, develop technical documentation related to the installation and draft installation diagrams.

At the construction site or facilities, they coordinate the work of installation companies and attend meetings with clients and planners.



## 5. Official basis of the qualification

### Name and status of the national authority responsible for issuing the qualification:

- Amt für Berufsbildung und Berufsberatung (ABB), Postplatz 2, 9494 Schaan, Liechtenstein  
Postadresse: Postfach 684, 9490 Vaduz, Liechtenstein  
[www.abb.llv.li](http://www.abb.llv.li); phone: +423 236 72 00; mail: info.abb@llv.li

### Level of the qualification (national or international):

National Qualifications Framework for the VPET system:	<b>Level 5</b>
European Qualifications Framework:	<b>Level 5</b>

### Grading scale/Pass requirements:

- 6 = very good
- 5 = good
- 4 = satisfactory
- 3 = unsatisfactory
- 2 = poor
- 1 = unusable

Minimum passing grade: 4

### Legal basis of the qualification:

- Verordnung vom 18. August 2015 über die berufliche Grundbildung Elektroplanerin /Elektroplaner (FZ)
- Verordnung über den Nationalen Qualifikationsrahmen für Abschlüsse der Berufsbildung vom 27. August 2014 (RS 412.105.1)

## 6. Officially recognised ways of acquiring the qualification

Training for the Electrical Installation Designer, VET Diploma lasts 4 years. Training content is usually distributed across two different learning locations: classroom instruction at a vocational school and apprenticeship training at a host company. However, depending on the VET programme, learners will also attend branch courses at a branch training centre. Professional competences required for the given occupation are decided by the sponsor of the VET programme.

- Host companies provide learners with practical skills associated with the occupation. Learners usually work an average of 3.5 - 4 day(s) per week.
- Vocational schools provide classroom instruction in vocational subjects and subjects falling under the category of language, communication and society (LCS). Learners usually attend classes an average of 1 - 1.5 day(s) per week; total number of lessons: 1620.
- Branch training centres provide learners with additional skills that are intended to complement classroom instruction and apprenticeship training, total duration of branch courses: 32 - 34 days.

The qualification procedure and final examination includes the following:



- Practical project covering 20 hours
- (Written and/or verbal) testing of knowledge gained from vocational instruction covering 4.5 hours
- LCS

The calculation of the overall grade takes into account the grades obtained for individual areas of competence and the grades obtained from classroom instruction at the vocational school and branch courses.

Other equivalent qualification procedures are possible.

**National referencing body:**

AIBA

This certificate supplement draws its legal basis in Article 4 paragraph 1 of the Ordinance of 27 August 2014 on the National Qualifications Framework for Vocational and Professional Qualifications (NQF-VPQ-O, SR 412.105.1). This certificate supplement follows the model recommended by the European Parliament and Council (Decision No. 2241/2004/EC). The purpose of the certificate supplement is to provide sufficient data to improve the international transparency and fair professional recognition of qualifications (diplomas, certificates etc.). It describes the nature, level, context, content and type of training and education pursued and successfully completed by the individual named on the original qualification to which this supplement is appended. The certificate supplement is free from value, judgements, equivalence statements or recommendations on recognition.

Additional information can be found at: [www.nqf.li](http://www.nqf.li)

