
1. Title of the certificate¹

**Δίπλωμα Επαγγελματικής Ειδικότητας Εκπαίδευσης και Κατάρτισης Επιπέδου 5 Ειδικότητα Ι.Ε.Κ.:
ΤΕΧΝΙΚΟΣ ΕΣΩΤΕΡΙΚΩΝ ΗΛΕΚΤΡΙΚΩΝ ΕΓΚΑΤΑΣΤΑΣΕΩΝ**

2. Translated title of the certificate²

**Vocational Training Diploma Initial Vocational Training (I.E.K.) Level 5 Specialty of I.E.K.:
TECHNICIAN OF INTERNAL ELECTRICAL FACILITIES**

3. Profile of skills and competences

LEARNING OUTCOMES (KNOWLEDGE, SKILLS, COMPETENCES). A typical holder of the certificate is able to:

KNOWLEDGE

- Interpret a technical (both mechanical and electrical) drawing, and draw a facility (through a single or multiple-line drawing) or an accessory in a sketch.
- Describe the operation of tools (manual and power tools).
- Present the operation of instruments used for technical measurements (callipers, micrometres, multimeters, megger, etc.).
- Reproduce the basic laws of electricity.
- Identify the parts and the operation of electrical circuits, connections and tables, groundings, and isolations.
- Classify the electrical materials and correlate them with their properties and uses.
- Formulate the operation of electrical motors and transformers.
- Describe the structure and the elements of a control system (automation) and operates it.
- Describe the health and safety regulations governing his/her work.
- Understand basic concepts of his/her profession from English to Greek.

SKILLS

- Extract results from simple calculations (unit conversion, etc.).
- Construct an electrical facility (using direct or alternate power, single or three-phased), based on a drawing - design issued to him/her.
- Check an electrical facility, locating possible damages therein, as well as in its separate parts, proceeding to repairs and taking care for the safe restoration of operation thereof.
- Resolve simple automation problems in electrical facilities.
- Select the suitable tools for every work, using them properly and with safety, while identifying the risks that are inherent to each stage of works and promptly taking the necessary health and safety measures.
- Give first aid in the event of minor accidents, using the fire-fighting and fire protection measures.
- Calculate the cost of materials and work required to complete a phase or the entire task.
- Handle his/her electronic correspondence and use an office suite for simple applications (issuing of tenders, technical folder, reports, clientele, etc.).
- Organise his/her work site, keeping it orderly and clean during work.
- Handle the wastes created.
- Prepare for the conduct of a work, calculating the materials and tools required.

COMPETENCES

- Sufficiently assess the conditions during work and select the best possible solutions.
- Responsibly keep his/her work in line with the law and the basic principles for the protection of the environment.
- Work by combining the above knowledge and skills in different environments, through a dependent-employment or freelancing relation, as an employee of a small or large business or autonomously, taking the initiative and adjusting his/her behaviour to the various conditions.
- Act both under the instructions of an engineer and autonomously, within the framework of responsibility that applies to him/her from the applicable law.
- Look for the latest information and data in his/her profession, by revising his/her initial knowledge.
- Collaborate without problems with colleagues, either accepting or executing instructions.

¹ In the original language. | ² If applicable. This translation has no legal status. | ³ If applicable.

4. Range of occupations accessible to the holder of the certificate ³

The holder of the Diploma of this specialization can work in small or big industries, construction businesses, hotels and complexes in general which call for the presence of a permanent technical staff for the maintenance of electrical installations, in commercial firms and service-providing companies or as a freelancer.

The Vocational Training Diploma is recognised as a qualification for appointment in the public sector falling in the category S.E. (Secondary Education) according to the Presidential Decree no.50/2001 (Greek Official Gazette 39/Vol.A/5-3-2001).

5. Official basis of the certificate

Body awarding the certificate

E.O.P.E.P.
(National Organisation for the Certification of Qualifications and Vocational Guidance)
Ethnikis Antistaseos 41 Avenue, 142 34 N. Ionia
<https://www.eoppep.gr/>

Level of the certificate (national or European) ¹

Level 5 National and European Qualifications Framework

Access to next level of education / training ¹

Yes

Legal basis

Law 2009/1992 on the National System of Vocational Education and Training
Law 4186/2013 on the Restructure of Secondary Education
Law 4763/2020 on National System of Vocational Education, Training and Lifelong Learning

6. Officially recognised ways of acquiring the certificate

Total duration of the education / training leading to the certificate
Success in the the Initial Vocational Training certification examinations
4 semesters (until law 4186/2013) / 5 semesters (after law 4186/2013)

7. Additional information

Entry requirements ¹

Certificate of Upper Secondary School. Qualification of Level 4 (NQF/EQF) // Certificate Vocational Training School (SEK) – Qualification of Level 3 (NQF/EQF)

Following the voting of L. 4763/2020, only by an Upper Secondary Education certificate or an equivalent title of studies (Qualification of Level 4 NQF/EQF)

Indicative subjects taught:

Electrical Technology and Applications, Electrical Installations I & II, Drawing (Mechanical and Electrological), Machining Applications, Environment Protection, Work Safety, Health and Fire Protection, Power Electronics, Automation, Laboratory Organisation and Operation, Communication Technique-Entrepreneurship, PC Use, English

More information

National Qualifications Framework : <https://nqf.gov.gr/> and <https://proson.eoppep.gr/en>

National Europass Centre: **EL/NEC - E.O.P.E.P.** National Organisation for the Certification of Qualifications and Vocational Guidance, Ethnikis Antistaseos 41 Avenue, 142 34 N. Ionia, Greece. T.0030 2102709000 europass@eoppep.gr
<http://europass.eoppep.gr> www.eoppep.gr

¹ If applicable.