

1. Title of the certificate ¹

**Δίπλωμα Επαγγελματικής Ειδικότητας Εκπαίδευσης και Κατάρτισης Επιπέδου 5 Ειδικότητα Ι.Ε.Κ.:
ΤΕΧΝΙΚΟΣ ΗΛΕΚΤΡΟΛΟΓΟΣ ΗΛΕΚΤΡΙΚΩΝ ΟΙΚΙΑΚΩΝ ΣΥΣΚΕΥΩΝ**

2. Translated title of the certificate ²

**Vocational Training Diploma Initial Vocational Training (I.E.K.) Level 5 Specialty of I.E.K:
HOUSEHOLD APPLIANCES ELECTRICIAN**

3. Profile of skills and competences

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

KNOWLEDGE

- Interpret a technical (mechanical, electrical, and automation) 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).
- Reproduce the basic laws of electricity and identify the parts and understands the operation of electrical circuits, connections and simple switchboards, groundings, and insulations.
- Identify the parts and the operation of electrical household appliances.
- Classify the electrical materials and correlate them with their properties and uses.
- Formulate the operation of electrical motors, step-up arrangements and transformers.
- Describe the parts, the structure and the operation of a control system (automation).
- Understand the basic concepts of his/her profession in English.
- State software that is useful during the execution of his/her work.
- List the health and safety regulations governing his/her work.
- Present instruments for technical measurements (callipers, micrometers, multimeters, wattmeters, etc.).

SKILLS

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

COMPETENCES

- 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 this Institute of Vocational Training specialisation certificate may engage with works concerning the inspection, repair, or maintenance of electrical domestic appliances, undertaking the installation of electrical supplies for the various appliances, the connection or disconnection thereof, their inspection, repair, or maintenance of various domestic appliances, using various instruments and tools.

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.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

Authority providing accreditation / recognition of the certificate

E.O.P.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/>

Grading scale / Pass requirements

a) acquisition of the Vocational Training Certificate (V.E.K.) after successful completion of study at the Vocational Training Institute (I.E.K.)
b) acquisition of the Vocational Training Diploma after:
1. success in the theoretical part of Initial Vocational Training certification examinations (Grading scale = 1-20, Pass = 10) and
2. success in the practical part of the Initial Vocational Training certification examinations (Pass/Fail)

International agreements on recognition of qualifications ¹

No

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:

Electrotechnics and applications, Drawing (mechanical and electrical), Machining applications, Measurements - Sensors, Electrical domestic devices, Electronics, Automations, Laboratory Organisation and Operation, Entrepreneurship - Communication techniques, Computer 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.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.