

1. Title of the certificate ¹

Δίπλωμα Επαγγελματικής Ειδικότητας Εκπαίδευσης και Κατάρτισης Επιπέδου 5. Ειδικότητα Ι.Ε.Κ.: ΤΕΧΝΙΚΟΣ ΕΓΚΑΤΑΣΤΑΣΕΩΝ ΨΥΞΗΣ ΑΕΡΙΣΜΟΥ ΚΑΙ ΚΛΙΜΑΤΙΣΜΟΥ Ν. 4186/2013

2. Translated title of the certificate ²

Vocational Training Diploma Initial Vocational Training (I.E.K.) Level 5. Specialty of I.E.K.: HVAC INSTALLATIONS TECHNICIAN N. 4186/2013

3. Profile of skills and competences

LEARNING OUTCOMES (KNOWLEDGE, SKILLS, COMPETENCES).

A typical holder of the certificate is able to:

KNOWLEDGE

- Explain the methods for cooling, a simple or composite cooling, and identify the accessories and operations thereof.
- Present the operation of basic electric circuits and automation systems.
- Formulate the operation of electrical engines, identify the types, and state the function of compressors.

SKILLS

- Appropriately use instruments for technical measurements (callipers, micrometers, multimeters, clamp meters, manometers, etc.).
- Detect and analyse malfunctions in an installation (air conditioning, ventilation, cooling) and its various components, repair them and ensure the installation's proper operation.
- Install anti-vibration mounting structures, soundproofing / sound-reducing modules.

COMPETENCES

- Work both under an engineer's/supervisor's instructions and autonomously, within the framework of responsibilities awarded by virtue of the applicable laws.
- Research and evaluate the latest information and data in their profession and renew their initial knowledge.
- Diligently abide by all necessary safety measures.

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

The holder of this diploma may engage with the installation, maintenance, control, and repair of cooling and air-conditioning systems.

The Vocational Training Diploma is recognised as a qualification for appointment in the public sector according to the Presidential Decree no. 50/2001 (Greek Official Gazette 39/Vol. A/5-3-2001), as currently in force.

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

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)
41 Ethnikis Antistaseos Avenue, 142 34 N. Ionia
<https://www.eoppep.gr/>

Level of the certificate (national or European)¹

Level 5 National and European Qualifications Framework

Authority providing accreditation / recognition of the certificate

E.O.P.P.E.P.
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and Vocational Guidance)
41 Ethnikis Antistaseos Avenue, 142 34 N. Ionia
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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)

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

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 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:

Materials Technology, Occupational Safety, Engine Components, Electrotechnical Applications, Compressors, Refrigeration Technology, Refrigeration Automations, Air-Conditioning, Refrigeration Installations Designing

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.