

### 1. Title of the certificate<sup>1</sup>

**Δίπλωμα Επαγγελματικής Ειδικότητας Εκπαίδευσης και Κατάρτισης Επιπέδου 5. Ειδικότητα Ι.Ε.Κ.: ΤΕΧΝΙΚΟΣ ΜΗΧΑΝΙΚΟΣ ΘΕΡΜΙΚΩΝ ΕΓΚΑΤΑΣΤΑΣΕΩΝ ΚΑΙ ΜΗΧΑΝΙΚΟΣ ΤΕΧΝΟΛΟΓΙΑΣ ΠΕΤΡΕΛΑΙΟΥ ΚΑΙ ΦΥΣΙΚΟΥ ΑΕΡΙΟΥ**

### 2. Title of the certificate <sup>2</sup>

**Vocational Training Diploma Initial Vocational Training (I.E.K.) Level 5. Specialty of I.E.K.: THERMAL INSTALLATIONS, OIL TECHNOLOGY AND NATURAL GAS TECHNICIAN**

### 3. Profile of skills and competences

Learning outcomes: Knowledge, skills and competences

A typical holder of the certificate is able to:

#### KNOWLEDGE

- State the basic electrical circuits and automation systems operation.
- Know the current labor legislation and regular insurance issues in thermohydraulic installations
- Determine the required tasks for maintenance and repair works in a central heating-water supply and sewerage installation

#### SKILLS

- Apply technical measurements instruments (pachymeters, micrometers, multimeters, clamp meters, manometers etc).
- Check an installation (simple or complex) based on a given drawing.
- Identify and analyze a damage in a thermohydraulic installation (and in its constituent parts, repair and ensure good operation)

#### COMPETENCES

- Act under the instructions-guidance of an engineer/senior officers as well as independently in the context of responsibilities apportioned by virtue of the legislation in force
- Investigate and search for the latest information and data regarding the profession, updating the original knowledge
- Responsibly adhere to all necessary safety measures

### 4. Range of occupations accessible to the holder of the certificate <sup>3</sup>

The VET graduate of this specialty may work in the installation, maintenance, control, repair of cooling and air conditioning systems. The Diploma is recognized as a formal qualification for recruitment in the public sector in the Secondary Education graduate category by virtue of the PD 50/2001 (Government Gazette. 39/A/5-3-2001), as in effect.

<sup>1</sup> In the original language. | <sup>2</sup> If applicable. This translation has no legal status. | <sup>3</sup> 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, 14234 N. Ionia  
<https://www.eoppep.gr/>

### Level of the certificate (national or European)<sup>1</sup>

Level 5 National and European Qualifications  
Framework

### Access to next level of education / training <sup>1</sup>

Yes

### Authority providing accreditation / recognition of the certificate

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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  
success in the practical part of the Initial Vocational Training certification examinations (Pass/Fail)

### International agreements on recognition of qualifications<sup>1</sup>

No

### 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

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

## 7. Additional information

### Entry requirements<sup>1</sup>

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 for the specialty:

Material Technology, Mechanics-Material Durability, Work Safety, Electrotechnical Applications, Central Heating Installations, Installations Technical Design, Construction, Maintenance and Repair of Water Supply and Sewerage Installations, Installation Automations, Fuel Burners Applications, Fire Extinguishing Systems

### 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 EOPPEP Ethnikis Antistaseos 41 Avenue, 142 34 N. Ionia. T.0030 2102709000 [europass@eoppep.gr](mailto:europass@eoppep.gr)  
<http://europass.eoppep.gr> [www.eoppep.gr](http://www.eoppep.gr)

<sup>1</sup>If applicable.