

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

**Δίπλωμα Επαγγελματικής Ειδικότητας Εκπαίδευσης και Κατάρτισης Επιπέδου 5. Ειδικότητα Ι.Ε.Κ.:**

**ΤΕΧΝΙΚΟΣ ΑΝΕΛΚΥΣΤΗΡΩΝ Ν. 4186/2013**

### 2. Translated title of the certificate <sup>2</sup>

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

**ELEVATOR 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

- Interpret a technical (both mechanical and electrical) drawing and draw an installation or an accessory in a sketch.
- Identify the parts and the operation of electrical circuits (power supply and control, signalling, illumination, safety, control, operation, and indications circuits), automation systems and panels.
- Identify the parts and the operation of electrical and hydroelectric elevators.
- Identify electrical circuits for power supply, control and illumination of the engine room.
- Describe the driving mechanism of a conventional electric elevator (engine mount, anti-vibration brackets, deflection pulleys).

#### SKILLS

- Use instruments for technical measurements (multimeters, clamp meters, callipers, micrometers, etc.).
- Install, maintain, and repair the electric motor of the elevator and take any steps necessary to replace it (order, delivery).
- Construct the installation of an electric or hydroelectric elevator using a given design-drawing.
- Install and maintain the driving mechanism of a conventional electric elevator (engine mount, anti-vibration brackets, deflection pulleys).
- Detect malfunctions and restore parts.
- Make the necessary connections between the panels and the rest of the electrical installation.
- Follow a maintenance programme, by performing any necessary works and checking the result.
- Organise their work site, keeping it orderly and clean during work, and treat any waste generated, both in solid and liquid form.

#### COMPETENCES

- Prepare the elevator's implementation study and all forms required for the issuance of an operating license pursuant to the applicable legislation.
- Diligently fill in the elevator maintenance book.

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

The holder of this diploma can be employed in undertakings engaged with the manufacture of mechanical or electrical - electronic equipment for any kind of elevators, as well as with the procurement, installation, and/or maintenance thereof. 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.

<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, 142 34 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

### 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)  
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)

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

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 <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:

Communication technique & Entrepreneurship, Electrotechnics – Electrical measurements, Electrical Machines, Mechanical drawing, Electrical drawing, Engineering, Material strength, Elevators – Applications, Elevator workshop, Power electronics – Machine regulation, Logical circuits – Automations – PLC, Electrical facilities – Electrical circuits and elevator automations, Professional practice.

### 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](mailto:europass@eoppep.gr)  
<http://europass.eoppep.gr> [www.eoppep.gr](http://www.eoppep.gr)

<sup>1</sup> If applicable.