

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

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

### 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.:  
IRRIGATION TECHNICIAN**

### 3. Profile of skills and competences

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

#### KNOWLEDGE

- Specify the various types of greenhouses.
- Analyse the factors changing and regulating the temperature and humidity inside the greenhouse.
- List the units for measuring area, volume, distance, energy, heat, pressure, power, and the subdivisions thereof.
- Specify the necessary means for regulating the photoperiod inside the greenhouse.
- Present the irrigation means of a greenhouse.
- Describe the cultivating works for flowers and gardening plants inside the greenhouse.
- State the main greenhouse plant diseases.
- Specify the production factors and how they affect the cost of production.

#### SKILLS

- Use the necessary tools in order to manufacture the greenhouse.
- Operate the measuring instruments required to construct the greenhouse.
- Operate machinery for the use of preparations for the protection of plants.
- Construct an irrigation system for the greenhouse.
- Identify diseases of greenhouse plants and suggest methods for dealing with them.

#### COMPETENCES

- Satisfactorily discern which type of greenhouse is suitable for each plant and area.
- Examine whether or not the protection measures for the safety of works, in every work conducted in the greenhouse, are sufficient.
- Sufficiently organize an irrigation system in a greenhouse.

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

The holder of this specialisation certificate may work in local organisations for land improvements, in greenhouses, and in companies selling agricultural supplies.

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).

<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.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) <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

E.O.P.E.P.  
(National Organisation for the Certification of Qualifications and Vocational Guidance )  
Ethnikis Antistaseos 41 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

### 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 <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:

General plant technology, Edaphology, Fertiliser science, Leaf analysis, Irrigations, Water Resources - Quality and management of water resources, Drainage - soil protection, Equipment of irrigation complexes, Farming technique, Agricultural economy, Occupational health and safety - Environmental protection, Practice of profession, English, Computer use.

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

<sup>1</sup> If applicable.