

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

**Δίπλωμα Επαγγελματικής Ειδικότητας Εκπαίδευσης και Κατάρτισης Επιπέδου 5 Ειδικότητα Ι.Ε.Κ.:  
ΤΕΧΝΙΚΟΣ ΣΥΝΤΗΡΗΣΗΣ ΚΑΙ ΕΠΙΣΚΕΥΗΣ ΓΕΩΡΓΙΚΩΝ ΜΗΧΑΝΗΜΑΤΩΝ**

### 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.:  
AGRICULTURAL MACHINERY MAINTENANCE TECHNICIAN**

### 3. Profile of skills and competences

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

#### KNOWLEDGE

- List all the parts of the tractor and of agricultural machinery.
- Describe the agricultural machinery used in farm businesses.
- List the machinery used in processing primary agricultural products.
- Describe the basic principles for the design, calculation, and manufacture of agricultural machinery.
- State the basic engineering principles of all-terrain vehicles.
- List and describe the Machinery used in land-improvement projects.
- List the tools and materials found in a machine shop.
- Describe the basic principles for the operation of the petrol and diesel oil engine.
- List and describe new car technology systems.

#### SKILLS

- Maintain the tractor and the agricultural machinery.
- Check for malfunctions.
- Assemble and disassemble the various parts of the tractor, of the agricultural machinery, of the petrol and diesel oil engines.
- Host exhibitions for agricultural machinery.
- Design standardised machine elements.
- Organise a machine shop.
- Recognize the electric material used for Agricultural Machinery.
- Sufficiently evaluate the required size of the agricultural machinery, and its required power.
- Evaluate sufficiently the required room for storing the agricultural machinery.

#### COMPETENCES

- Accurately and autonomously formulate the marketing and maintenance cost for agricultural machinery, from the manufacturer up to the representative.
- Perceive the needs in terms of storage areas for the agricultural machinery, depending on the value and size thereof.

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

The holder of this specialisation certificate may work as a technician in a workshop repairing and maintaining agricultural machinery or as a technical employee in a store marketing agricultural machinery or as a technical employee in a warehouse selling spare parts or as an employee in an organisation or agricultural business or cooperative or as a freelancer.

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.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

### 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 <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 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:

Material mechanical strength, Mechanical drawing I, II, Elements of electrotechnics, Machining technology I, II, Agricultural machinery I, II, IV, Tractor I, II, Electrical engines, Marketing of agricultural machinery, Elements of machines I, II, Internal combustion engines I, II, Electrical systems of agricultural machinery, Instruments and measurements, Workshop organisation and operation, Agricultural machines III and testing, Exploitation and organisation of agricultural equipment, All-terrain vehicle engineering, Machines for land improvement works, New technology car systems, English I, II, III, IV, 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.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.