
1. Title of the certificate¹

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

2. Translated title of the certificate²

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

3. Profile of skills and competences

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

KNOWLEDGE

- List sufficiently the basic principles of metallurgy and physical metallurgy.
- Recognise the corrosion areas of metal surfaces.
- Describe the metal cleaning and painting procedures.
- Recognise and select the blasting means (sand, beads, glass or oxides) depending on the basic metal, the type of particles, and the process.
- Analyse the risk related to the work and the work area.
- Recall the respective environmental legislation.
- Present the quality standards for the production process.
- Describe the equipment used in production.

SKILLS

- Prepare the surfaces to be treated, the solutions, and the necessary materials, in accordance with the work orders.
- Perform all necessary preliminary works to test the parameters, conduct the tests, and check the results.
- Use suitable quality control tools in order to compare the surfaces treated.
- Check the water quality in the supply network and the deionised water produced, in order to avoid corrosion.
- Connect, calibrate and use the appropriate equipment during production.
- Create auxiliary structures for work (scaffolding, pedestals, ladders).
- Supervise and evaluate the proper operation and condition of devices.
- Design preventive measures and actions that must take place in the event of an accident, in accordance with the applicable rules.

COMPETENCES

- Keep with responsibility measurement protocols for specific parameters during the conduct of sampling.
- Apply with responsibility the principles of ISO 9000 standardisation in the industry of metal surfaces.
- Have environmental conscience.
- Help train the new and auxiliary personnel.

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

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

The holder of this specialisation certificate may work in businesses manufacturing metal surfaces. 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).

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/>

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/>

Level of the certificate (national or European) ¹

Level 5 National and European Qualifications Framework

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

International agreements on recognition of qualifications¹

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 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:

General chemistry I, II, Analytical chemistry I, II, Physical and mechanical processes, Occupational Health and Safety, Environment, Physical chemistry, Material technology, Organisation and administration of productive units, Elements of applied electrotechnics, Corrosion - protection of metals, Processing of metal surfaces, Metal coating, Non-metal coating, Specification of surface properties, Practical exercise, 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.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.