

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

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

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.:  
DENTAL PORCELAIN TECHNOLOGY**

## 3. Profile of skills and competences

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

**KNOWLEDGE**

- Describe the anatomy of the oral cavity, of the upper and lower jaw.
- State the nomenclature & number of human teeth, their common features and the specific morphology of each tooth.
- Describe the denture occlusion morphology.
- Identify with precision the most common morphological abnormalities in the oral cavity.
- Name the most common dental structures, of movable and immovable prosthesis (total, direct total, onlay, partial dentures, articulators, artificial teeth, bridges, crowns).
- Describe the properties of gypsum pulp and acrylic resin and the main polishing and abrasive materials.
- Identify the types of different dental porcelain used in modern dentistry.
- List the instruments comprising the mechanical equipment of a dental laboratory and explain the method of organization thereof.
- State the key safety rules for the dental laboratory.
- Formulate the principles and conditions for establishing and operating a dental laboratory, the accounting figures issued and the books required for keeping figures and data in a dental laboratory.
- Recognise the general principles of health, of personal, family and public hygiene and of preventive medicine.
- State the main infectious diseases, the contagion method thereof and the rules of protection.
- State the methods for sterilizing materials and consumables in a dentistry laboratory.

**SKILLS**

- Select the suitable materials and tools for the manufacture of the required prosthetics.
- Prepare the work bench for the manufacture of the dental work, in accordance with the health and safety rules.
- Participate, under supervision, in the preparation of casts for the manufacture of prostheses and in the processing of total and partial dentures, onlays, crowns, and bridges, using suitable materials.
- Bring the necessary tools and materials to the dental technician during the addition of precision attachments, in mobile prosthetic works, and in the processing of prosthetic works, orthodontal devices, prosthetic works, for the restoration of anomalies in the oral cavity.
- Check for any shortages in materials and consumables with regard to the needs of the laboratory and place the respective orders.
- Attend to the materials, tools, and consumables of the laboratory, as per the safety and health regulations.
- Classify properly the tools, the materials, and the consumables for sterilization, disinfection or disposal.
- Report any problems concerning the operation / maintenance of the machines and, upon approval by the person in charge, can participate in and/or organize the relevant repair of an instrument or machine.

**COMPETENCES**

- Act based on the rules of operation of the dental laboratory, employing him/her and the professional ethics.
- Contribute to the prevention of accidents showing responsible behaviour to the work site and following the proper safety rules.
- Work autonomously for the completion of the work assigned, under the final supervision of the dental worker.
- Receive instructions and collaborates effectively with his/her colleagues for the proper execution and completion of the project.

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

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

The holder of this diploma can be employed in a dental technology laboratory.  
The Vocational Training Diploma is recognized 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 Gazette39/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  
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##### Level of the certificate (national or European) <sup>1</sup>

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 <sup>1</sup>

Yes

##### 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:

Anatomy - Physiology – Convergence Morphology, Dental Morphology Theory, Dental Technology Theory (Removable Prosthodontics), Dental Technology Theory (Fixed Prosthodontics), Hygiene – First Aid, Materials Theory, Laboratory Mechanical Equipment and Maintenance, Laboratory Organization, Ceramic Materials Theory, Orthodontics – Dental Technology, Removable – Fixed Prosthodontics, English, Computing.

#### 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.