

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

**Δίπλωμα Επαγγελματικής Ειδικότητας Εκπαίδευσης και Κατάρτισης Επιπέδου 5 Ειδικότητα Ι.Ε.Κ.:  
ΤΕΧΝΙΚΟΣ ΕΠΙΣΚΕΥΗΣ ΚΑΙ ΣΥΝΤΗΡΗΣΗΣ ΙΣΤΟΡΙΚΩΝ ΚΑΙ ΠΑΡΑΔΟΣΙΑΚΩΝ ΚΤΗΡΙΩΝ**

### 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:  
HISTORIC AND TRADITIONAL BUILDINGS REPAIR AND PRESERVATION TECHNICIAN**

### 3. Profile of skills and competences

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

#### KNOWLEDGE

- Summarise details and information of the history and of the concept of the restoration, stating mile-stones and significant facts of the history of architecture.
- Analyse the basic principles and various aspects of the structural strength of materials, of dynamics and kinematics, while thoroughly explaining the details of construction and the properties of structural elements, the procedures and the basic principles and techniques for the construction of historical communities, describing any failures, intrinsic issues, malfunctions of technical works, and the methods for dealing with them.
- List the basic principles of technical drawing, along with the means, its instruments, and materials.
- Identify the traditional and modern structural materials and construction machine, the properties, the method for applying them and the technologies for preservation and restoration, while selecting those necessary for the various works.
- Describe the types and the techniques for excavations, the procedures inherent to them, along with the basic principles and applications and procedures of soil mechanics necessary for the proper execution thereof.
- Present the basic elements of water supply and sewage, methods for heat insulation, protection from moisture and fire protection.
- List the general principles and methods of imprinting, repairing, and supporting historic buildings and monuments.
- Analyse the law, the relevant legislation and the institutional problems related to the protection of monuments, historic and traditional buildings.
- Present the characteristics, the types, the properties, and procedures of production, use, maintenance and control of concrete, along with the relevant regulations governing its use.
- List the occupational hazards, the protection means, and the first-aid techniques.
- Present issues for the protection of the environment, the proper use of energy sources and products that are environmentally-friendly.
- Present the regulations and principles of organization and operation for work sites, the methods for organizing and operating small businesses, public and private projects, and the concept of entrepreneurship.
- Properly understand the technical terminology established in the field of their work, conducting a professional communication both in Greek and in English.

#### SKILLS

- Apply with technical perfection methods and takes measurements of basic properties of materials and structures through sampling, testing, analysing, measuring, and evaluating results.
- Properly manage machinery and tools falling under his/her specialty.
- Properly apply basic techniques for the heat and fire protection of traditional buildings.
- Prepare and "reproduce" traditional materials using the initial raw materials or materials that are similar and conventional with the traditional ones, while using modern raw materials.
- Properly perform analytical calculations on the balance, structural integrity, intensive sizes and the respective designs.
- Apply with a technically proper method the techniques for repairing, maintaining, and supporting the structures, by applying knowledge on structural integrity and on the regulations concerning the design and execution of works.
- Handle his/her electronic correspondence, use an office suite for simple applications (preparation of offers, reports, clientele, etc.) and locate basic information related to the subject of his/her work in the internet.
- Locate the risks inherent to each stage of work, promptly take the necessary safety measures, providing first aid in the event of minor accidents.
- Properly interpret the technical drawings under different drawing scales.
- Effectively organize the work site and the personnel for the benefit of work.

#### COMPETENCES

- Operate as a liaison between the designers, and constructors, and the personnel participating in the implementation of the project.
- Act rationally and responsibly, as a member of a team or on his/her own.
- Look for the latest information and technological data in his/her profession, by revising his/her initial knowledge.
- Develop constructive and unproblematic collaborations through proper communication both with the customers and with his/her colleagues and crews, whether receiving or executing instructions.
- Resolve, either autonomously or through collaboration with other industry professionals, any problems that may come up during works performed.
- Work by combining the above knowledge and skills in different environments by taking initiatives and adapting his/her behaviour to the circumstances.

<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 the diploma of this specialization can be employed in dependent jobs on construction companies, public or private laboratories and in excavations. 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/>

##### 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

#### 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:

History and philosophy of rehabilitation, history of architecture, laboratory methods - measurements of basic properties, site organizing, building techniques for historic structures, pathology of historic structures, design, materials of historic structures- maintenance and rehabilitation technology, excavation techniques, thermal insulation and protection from humidity, ceramic building materials technology, lime mortars, modern materials and maintenance techniques, masonry of traditional buildings, protection and maintenance of stone, wood and wooden surfaces, fire protection of traditional buildings, methods of repair and strengthening of historical buildings, monument surveying methods, law, legislation, institutional problems of protection of monuments, building rehabilitation 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.