

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

**Δίπλωμα Επαγγελματικής Ειδικότητας Εκπαίδευσης και Κατάρτισης Επιπέδου 5 Ειδικότητα Ι.Ε.Κ.:  
ΕΚΤΥΠΩΤΗΣ - ΛΙΘΟΓΡΑΦΟΣ**

### 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.:  
LITHOGRAPHY PRINTER**

### 3. Profile of skills and competences

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

#### KNOWLEDGE

- Identify and describe the parts and the operating systems of the offset printing machine and can accurately explain the part of each system in the printing procedure.
- Describe the printing procedure followed in a printing unit and the settings necessary to complete a printing.
- Discern the materials (inks, varnishes, etc.), the papers, cartons and other undercoats and the properties thereof, used during the printing procedure for the production of printed material.
- Identify the equipment necessary for the manufacture of the printing plate and describe the stages followed manually or automatically with the use of photo transfer.
- List and describe the tools and materials used for maintaining machines.
- State all types of printing machines for all printing methods, regardless of the grouping criterion thereof (size, towers, automation, etc.) and report on the capacities thereof for printing different types of printing materials.
- Identify lithography films, the types of raster, and the types of editing used for the manufacture of the printing plate.
- Identify the development stages of graphical arts from their birth until today.
- State the design stages for the printed materials regardless of the purpose, the figure and the type thereof.
- Discern and describe the specifications of the fonts, images and graphics for printing.
- Interpret and decode the colour of graphical arts in relation to colour systems, models and colour conditions.
- List the digital files and software used for processing the printing and multimedia models.
- Discern the wastes coming from a standard printing unit and acknowledge the legislation about the environmental policy.
- Identify the core rules of health and safety, based on the EU policy and Greek legislation about his/her specialty.
- State the costing stages, by considering the materials, the manufacturing and the works required for the completion and delivery of printed material.

#### SKILLS

- Operate, regulate and maintain (by making good use of the maintenance books) every offset printing machine.
- Resolve problems related to special issues of printing, such as colour coincidence, undercoat levelling, reflections, etc.
- Manufacture printing plates with the method of photo transfer, manually or automatically.
- Apply the model or preliminary design instructions by a graphic designer or artistic curator.
- Check the editing intended for the manufacture of the printing plate.
- Select and order the suitable materials at the proper quantities in order to print all kinds of materials.
- Establish a core pricelist for the services offered.
- Monitor and supervise the production stages, including pre-printing, and the completion works following printing.
- Take the necessary safety measures at work.
- Be familiar with the measures for preventing the pollution of the environment from printing works.

#### COMPETENCES

- Work independently or with an assistant, depending on the type of the offset printing.
- Follow instructions by the artistic curator or technical supervisor about the performance of his/her duties, understands how to implement them and ensure compliance with the timetables set.
- Collaborate with other technicians responsible for other production stages, such as bookbinders, transporters, editors, graphic designers, etc., for the proper and quality printing.
- Follow the key rules of health and safety at work.

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

The holder of this specialisation certificate may work in printing factories using the offset method (lithography) and in workshops printing paper - cartons or other materials using the offset printing method.

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 )  
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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

## 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:

Document production technology, Typographic design of forms and multimedia applications, Technology for printing and reproducing digital means, Introduction to multimedia technology, Printing plates, Offset printing, Graphic arts history, Communication techniques and entrepreneurship, Document design, Health and Safety of workers, Materials Technology I, Materials Technology II, Colour in graphic arts and multimedia, Pre-printing - Editing, Engineering - Machine Maintenance, Technology of printing machines, Post-print operations, Environmental policy, Document costing, Foreign Language, 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.