

EUROPASS CERTIFICATE SUPPLEMENT

TITLE OF THE DIPLOMA (ES)

Técnico en Postimpresión y Acabados Gráficos

TRANSLATED TITLE OF THE DIPLOMA (EN)⁽¹⁾

Technician in Postpress and Finishing Graphics

(1) This translation has no legal status.

DIPLOMA DESCRIPTION

The holder of this diploma will have acquired the General Competence with regard to:

Performing operations on graphics postpress and finishing, ensuring quality as well as meeting safety standards and environmental protection.

Within this framework, the PROFESSIONAL MODULES and their respective LEARNING OUTCOMES acquired by the holder are listed below:

“Trimming and Folding”

The holder:

- Prepares raw materials and auxiliary products, evaluating the quality characteristics as shown in the routing sheet.
- Prepares the guillotine, setting out the cutting parameters and synchronizing the output and power system.
- Runs the cutting programme, identifying defects and implementing solutions.
- Adjusts the folding machine determining the parameters of folding, recording and control of the machine.
- Performs folding defects, identifying and implementing solutions.
- Prepares the stacking and exit mechanisms of the folding machine, inferring storage processes as prescribed by the routing sheet.
- Performs the cleaning and the preventive maintenance of the guillotine and folding machine, interpreting and applying the technical security measures and expected protection.

“Staple-Binding”

The holder:

- Prepares collator stations of the documents recognizing the power and transport mechanisms.
- Adjusts stapling heads identifying and applying the product characteristics to be bound.
- Adjusts the trilateral guillotine establishing cutting parameters and control of the machine.
- Prepares the stacking mechanisms and exit of the staple-binding machine, as prescribed by the routing sheet.
- Performs the staple-binding applying technical specifications.
- Performs the cleaning and the preventive maintenance of the staple-binding machine, identifying the technical documentation and applying the safety and the security measures in the plan of risk prevention and environmental protection.

“Paperback and hardcover binding”

The holder:

- Performs the collation applying the technical product specifications.
- Carries out the sewing adjusting the parameters listed in the routing sheet.
- Adjusts the paperback line, adjusting the stations and modules that are to be used.
- Adjusts the cover binding of the line linking the modules to be used.
- Performs paperback cover and identifying defects and implement solutions.
- Performs the cleaning and the preventive maintenance of the lines of paperback and hardcover binding, identifying the technical documentation and applying the stipulated security measures and protection.

“Die-cutting”

The holder:

- Prepares the die for its placement in the branch, identifying its elements and technical characteristics.
- Controls the over cardboard interpreting the mechanisms of supply, transport and exit of the die-cutting machine.
- Prepares counterpart, recognizing the characteristics of the different splits and those of the supports to be died.
- Carries out the preparation interpreting and applying the pressures of leveling through collators.

- Prepares the ejector body of cuttings and the poses separator, recognizing the mechanical elements and applying the containers separation without deterioration.
- Carries out the die cut of the piece of paper with the required quality, applying the technical specifications.
- Performs the cleaning and the preventive maintenance of the die-cutting machine, according to manufacturer's specifications as well as complying with the rules on labour risk prevention and environmental protection.

“Postpress Materials”

The holder:

- Prepares sheet materials involved in the development of complexes, identifying their properties and the features of the final product.
- Assesses materials for the preparation of packagings, determining their mechanical and printability properties.
- Prepares the adhesives to be used in the development of complexes, checking their properties with the materials to be bonded.
- Regulates the conditions of preparation and application of varnishes, paraffins and other auxiliary materials for the manufacture of laminates and bags, identifying their physicochemical features.
- Checks the print form and prepares flexographic inks, determining the conditions of printability.
- Performs the selective collection and cleaning of equipment, identifying labour risks and environmental features.

“Flexographic Printing”

The holder:

- Sets the passing of the coil or blanket to be used to print in flexography machinery, establishing the bearer run through the mechanisms.
- Prepares the printing form and the elements of the plate cylinder, identifying the parameters to be assembled according to the print's characteristics.
- Sets the printing units and the rollers' mechanic elements, interpreting the technical characteristics of the work.
- Tones and registers the print in the flexographic machinery, both analogically and digitally, applying the parameters to be monitored and relating them to the print to be obtained.
- Develops the bearer run in the flexographic machinery, inferring the process technical requirements.
- Performs bearer line conversion operations, applying and relating different procedures with the treatment of the printout to be obtained.
- Carries out s cleaning and the maintenance plan of the machinery, the equipment and the tools, developing the manufacturer's specifications.
- Complies with the rules on labour risk prevention and environmental protection, identifying the risks associated to his/her professional activity and the measures and the equipment to prevent them.

“Preparation of Covers and Ring Binder Folders”

The holder:

- Adjusts and sets mechanisms of the covers making machine and ring binder folders, applying the techniques and the instructions of the routing sheet.
- Makes covers and ring binder folders with the required quality, analyzing the materials and applying the technical specifications.
- Adjusts the mechanisms of the cover and files stamping machine, applying the techniques and the instructions of the routing sheet.
- Stamps covers and files with the required quality, applying the technical specifications and the instructions of the roadmap.
- Prepares the stacking and exit mechanisms, organizing the storage process according to the specifications indicated in the routing sheet and meeting the standards on safety and risk prevention.
- Performs the cleaning and the preventive maintenance of the covers and ring binder folder making machines, analyzing the technical documentation and applying the security measures and the environmental protection.

“Surface Treatment of the Printout”

The holder:

- Prepares the machine determining the elements of the process according to the characteristics of hot stamping and the printed form.
- Performs hot stamping establishing the loading of the support and applying the right pressure to achieve quality in the process.
- Prepares the laminating machine, adjusting the elements of the process, depending on the characteristics of the plastic film and of the printed form.
- Carries out the laminate process interpreting and applying the technical specifications in the process.
- Prepares the varnishing machine adjusting the elements of the process according to the characteristics of the type of varnishing and support.
- Varnishes organizing the process according to the characteristics of the product.

“Assembling of Packaging”

The holder:

- Places the interchangeable items in the folding-gluer machine, applying the instructions of the technical manual as well as safety regulations and risk prevention.
- Prepares supply sections and support pre-folding, distinguishing the appropriate mechanisms of the machine.
- Prepares the support’s gluing, determining the amount and temperature of rubber as well as the position of the discs and the nozzles.
- Prepares the closure and transfer sections, according to the features of the die-cutting effect by regulating the appropriate elements of the machine.
- Performs folding and gluing with the required quality, according to the technical specifications, documenting the data of the packaging formation process.
- Performs the preventive maintenance and the cleaning of the folder-gluer machine, taking into account the manufacturer’s specifications and standards applying labor risk prevention and environmental protection.

“Professional Training and Guidance”

The holder:

- Selects job opportunities, identifying the different possibilities of labour integration, and the alternatives of lifelong learning.
- Applies teamwork strategies, assessing their effectiveness and efficiency on the achievement of the company’s goals.
- Exercises rights and complies with the duties derived from labour relationships, recognising them in the different job contracts.
- Determines the protective action of the Spanish Health Service in view of the different covered eventualities, identifying the different types of assistance.
- Assesses risks derived from his/her activity, analysing job conditions and risk factors present in his/her labour setting.
- Participates in the development of a risk prevention plan for a small enterprise, identifying the responsibilities of all the agents involved.
- Applies protection and prevention measures, analysing the risk situations in the labour setting of the Technician in Postpress and Finishing Graphics.

“Business and Entrepreneurial Initiative”

The holder:

- Recognizes the skills related to entrepreneurial initiative, analysing the requirements derived from job positions and business activities.
- Defines the opportunity of creating a small enterprise, assessing the impact on the performance setting and incorporating ethic values.
- Carries out the activities for the setting-up and the implementation of a company, choosing its legal structure and identifying the associated legal obligations.
- Carries out basic administrative and financial management activities of an SME, identifying the main accounting and tax obligations and filling in documentation.

“On the Job training”

The holder:

- Identifies the structure and the organization of the company, relating them to the type of service provided.
- Applies ethical and work habits in the development of his/her professional activities in accordance with the characteristics of the job and the procedures established by the company.
- Prepares the materials for the production of binding and/or graphic finishings, recognizing their technical characteristics and relating them to the production process.
- Adjusts the guillotine and the folding machine, applying the necessary procedures for its preparation, control and in order to obtaining the graphic product.
- Binds books and magazines organizing the steps of the process and complying with the technical specifications given.
- Dies cut materials accurately, contrasting the product obtained with the original and its features.
- Assembles packages and cases, developing mechanical and adhesive dispensing regulations.
- Plasticizes, varnishes and/or prints graphics products, determining the method to be followed according to the final properties of the product.

RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE DIPLOMA

The Technician in Postpress and Finishing Graphics is active in printing companies, publishers, media, advertising, printing, binding, packaging, graphic finishes, complex manufacturing, processed paper and cardboard. They can also pursue their activities in other companies having binding sections manufacture industrial and packaging.

The most relevant occupations or jobs are the following:

- Industrial Bookbinder.
- Technician in trimming.
- Beam technician.
- Folder-gluer technician.
- Collator technical.
- Technician in stitcher sheets.
- Paperback and hardcover bookbinder.
- Staple or wire bookbinder.
- Flexographic printer.
- Technical binder cover garment.
- Technical stamping covers.
- Packaging Technician.
- Technical graphic finishes.
- Technical development of packaging.
- Die-cutting technician.

AWARD, ACCREDITATION AND LEVEL OF THE DIPLOMA

Name of the body awarding the diploma on behalf of the King of Spain: Spanish Ministry of Education or the different Autonomous Communities according to their areas of competence. The title has academic and professional validity throughout Spain.

Official duration of the education/ training leading to the diploma: 2000 hours.

Level of the diploma (national or international)

- NATIONAL: Post-Compulsory Secondary Education
- INTERNATIONAL:
 - Level 3 of the International Standard Classification of Education (ISCED3).
 - Level _____ of the European Qualifications Framework (EQF__).

Entry requirements: Holding the Certificate in Compulsory Secondary Education or holding the corresponding access test.

Access to next level of education/training: This diploma may provide access to Higher Technical Cycles provided that an entrance exam is passed.

Legal basis: Basic regulation according to which the diploma is established:

- Minimum teaching requirements established by the State: Royal Decree 1683/2011, of 18 November, according to which the diploma of Technician in Postpress and Finishing Graphics and its corresponding minimum teaching requirements are established.

Explanatory note: This document is designed to provide additional information about the specified diploma and does not have any legal status in itself. An Annex I may be added and will be filled in by the corresponding Autonomous Community

INFORMATION ON THE EDUCATION SYSTEM

