

1. TITLE OF THE CERTIFICATE (ES)

Certificado de Profesionalidad de nivel 2 en
ARGT0311 ELABORACIÓN DE CARTÓN ONDULADO

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Professional Certificate Level 2 in
ARGT0311 CORRUGATED CARDBOARD MANUFACTURE
(This translation has no legal status)

3. PROFILE OF SKILLS AND COMPETENCES

The holder of this certificate will have acquired the **general competence** to manufacture corrugated cardboard in its different varieties, preparing the raw materials, operating in auxiliary equipment, coordinating the process and controlling the finished product, in accordance with the productivity and quality standards established for the process, and applying the occupational risk and environmental protection plan. This general competence is divided into the following **skills units** (UC):

- Prepare the raw materials and auxiliary products for the processing of paper, cardboard and other materials (UC1335_2).
- Operate in auxiliary equipment and installations for the process of manufacturing corrugated cardboard (US1336_2).
- Carry out the operations for manufacturing corrugated cardboard (UC1337_2).
- Control the preparation of corrugated cardboard using electronic panels (UC1338_2).

The professional skills are acquired through the **learning outcomes** defined within the related Training Modules (MF):

- Raw materials and auxiliary products in processes for processing of paper, cardboard and other materials (MF1335_2).
- Auxiliary equipment and installations for manufacturing corrugated cardboard (MF1336_2).
- Operations for manufacturing corrugated cardboard (MF1337_2).
- Control of the manufacture of corrugated cardboard (MF1338_2).
- Practical training at the workplace in manufacture of corrugated cardboard (MP0467)

(See legal basis for all learning outcomes information acquired by the holder of this Certificate in each MF).

As a reference the learning outcomes include in the Practical training at the workplace that complete and reinforce the learning outcomes acquired in the other training modules, are:

- Prepare the raw materials and auxiliary products and carry out quality control in processing paper, cardboard and other materials.
- Take part under supervision in the start-up and shutdown of auxiliary equipment: boiler, cogeneration system, compressed air and refrigeration equipment.
- Prepare, under supervision, the corrugated and adhesive group of the corrugated cardboard line equipment: wet and dry.
- Program the corrugated cardboard line via a control panel and/or simulator.
- Participate, in accordance with the company's planning, in the maintenance of the corrugated cardboard manufacturing line.
- Take part in the company's working processes, following the rules and instructions established at the workplace.

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THIS CERTIFICATE

The holder of this certificate can work in the graphics industry, in the area of paper and cardboard processing, in the process of manufacturing corrugated cardboard. The holder may work in the graphic arts sector, in the sub-sector of paper and cardboard processing, in the area of preparation of containers and packaging and processed paper and cardboard. The holder may also form part of any other sector in which this process is included.

The most pertinent occupations and positions are:

- Corrugated cardboard line operator.
- Corrugated machine operator.
- Carton fold gluing machine operator.
- Boilermaker and adhesive preparer.
- Trimming machine operator.
- Corrugated cardboard manufacturing machine operator.

5. OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the national/regional authority providing accreditation/recognition of the certificate

The Ministry of Employment and Social Security or the corresponding autonomous regional administration within the scope of its competence, in the name of the King. The certificate is valid throughout Spain.

Level of the certificate

The Professional Certificate Level 2 of the National Repertoire of Professional Certificates corresponds to level 3 of the International Standard Classification of Education (ISCED-P 2011).

The European Qualification Framework (EQF) level:

Grading scale/Pass requirements

The grading scale and pass level of the training modules are expressed on a scale of 0 to 10. The minimum score for a pass is 5 in every training module including a pass in the practical training at the workplace module.

The grading system is as follows:

- FAIL: 0 to 4.9
- PASS-SATISFACTORY: 5 to 6.9
- PASS-GOOD: 7 to 8.9
- PASS-EXCELLENT: 9 to 10

Access to next level of education/training

This Professional Certificate Level 2 gives access to Professional Certificate Level 3 within the same professional area and family.

For validation purposes, the educational authorities will recognise the professional module or modules of the VET diplomas corresponding to the skills units included in the training modules of this certificate.

Legal basis

Royal Decree 612/2013 of 2 August, establishing seven professional certificates in the professional family Graphic Arts, which are included in the National Repertoire of Professional Certificates. (Appendix V, Code: ARGTO311)

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

This certificate may be acquired by:

1. Training: Completion with a pass grade of the face-to-face or online training programme.
2. Recognition of the professional skills acquired through professional experience or non-formal training (prior learning): Completion of a process of skills evaluation and accreditation in all the skills units making up the professional certificate.
3. Dual training: Completion of a training and apprenticeship contract, which may range from 1 year (or 6

months, if stipulated as such in the collective agreement) to 3 years, during which effective working time is combined with time dedicated to training under the training programme for the professional certificate.

The training method (number 1 above) requires successful completion of the training modules and the practical training at the workplace:

Description of vocational training received	Percentage of total programme (%)	Duration (hours)
Training modules	81	340
Practical training at the workplace	19	80
Total duration of training leading to the certificate		420

Entry/access requirements:

- Compulsory Secondary Education Diploma (Lower secondary education); or
- Professional Certificate Level 1 in the same professional area.
- If neither of the above or higher certifications are held, a pass in the key skills tests.

Additional information: Professional certificates are instruments for official accreditation of the professional qualifications in the National Catalogue of Professional Qualifications for all economic activities, within the scope of the labour administration. The National Repertoire of Professional Certificates is divided into three qualification levels (Level 1, Level 2 and Level 3), and by sectors into 26 professional families and 102 professional areas. More information is available at: www.sepe.es

National Europass Centre: www.oapee.es

(*) **Explanatory note:** This document is designed to provide additional information about the specified certificate, but has no legal status in itself. The format of the description is based on the following texts: Council Resolution 93/C 49/01 of 3 December 1992 on the transparency of qualifications; Council Resolution 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates; and Recommendation 2001/613/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers.

More information is available at: <http://europass.cedefop.eu.int>

Information on Professional Certificates of the Map of Qualifications and Vocational Training in Spain

