

1. TITLE OF THE CERTIFICATE (ES)

Certificado de Profesionalidad de nivel 2 en
QUIO0112 FABRICACIÓN DE PASTAS QUÍMICAS Y/O SEMIQUÍMICAS

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Professional Certificate Level 2 in
QUIO0112 PRODUCTION OF CHEMICAL AND/OR SEMI-CHEMICAL PULPS
(This translation has no legal status)

3. PROFILE OF SKILLS AND COMPETENCES

The holder of this certificate will have acquired the **general competence** to conduct and monitor the reception, storage and preparation of raw materials operations of the chemical and semi-chemical pulps production processes for the manufacture of paper or board, complying with the standards set-up of quality, occupational and environmental risk prevention, and resolving the first-level of equipment maintenance operations. This general competence is divided into the following **skill units**(UC):

- Receive, store and prepare raw materials for the production of cellulose pulps (UC0770_2).
- Handle chemical and semi-chemical pulps manufacturing equipment (UC0772_2)
- Treat and supply liquids and gases in the manufacturing process of cellulose pulps (UC0773_2).
- Monitor the pulp and paper manufacturing process (UC0044_2).

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

- Reception, storage and preparation of raw materials for the production of cellulose pulps (MF0770_2).
- Handling of chemical and/or semi-chemical pulps manufacturing equipment (MF0772_2).
- Treatment and supply of liquid and gas products in the manufacturing process of cellulose pulp (MF0773_2).
- Local monitoring of pulp and paper manufacture (MF0044_2).
- Practical training at the workplace in Production of chemical and/or semi-chemical pulps (MP0524).

(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:

- Collaborate in the reception, loading and unloading, and supply of raw materials.
- Assist in handling debarking and cutting wood equipments.
- Assist in heating and refine operations of the fibres of pulp.
- Assist in washing and bleaching operations of pulp.
- Assist in papermaking, drying and finishing operations.
- Participate in the work of collecting, handling and use of the different fluids.
- Participate in onsite monitoring of pulp and paper mills.
- Participate in the working processes of the company, 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 may work in the economic sectors related to the chemical and semi-chemical pulp manufacture. The most relevant occupations and work positions are:

- Receptionist-measurer of wood.
- Saw log, chipper or shredder, storage and shipping process driver.
- Deriding machine driver.
- Chopper driver.
- Washing and bleaching of pulp equipment operator.
- Pulp drying machine operator.
- Water treatment plant operator.
- Bleaching processes operator.
- Paper thickener processes operator.
- Operators in facilities for manufacturing of cellulose pulp.
- Clearance pulp processes operator.
- Cutting and packaging of pulp machine operator.
- Bleaching machine operator (pulp).
- Cutting machine operators (papermaking).
- Deriding-slicing machine operators (pulp).
- Bleacher or digester machine operators (pulp).

The holder of this professional certificate has recognition of the basic level training in labour risk prevention, according to Annex IV of the Royal Decree 39/1997 of 17 of January approving the Labour Risks Prevention Act.

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 989/2013 of December 13th, by which three professional certificates of the professional family Chemicals, included in the National Repertoire of professional certificates are established, and certain professional certificates of the professional family "Wood, furniture and cork", established in the Royal Decree 1968/2008, of November 28th and Royal Decree 717/2011, of May 20th are updated. (Appendix I, Code: QUIO0112)

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	82	560
Practical training at the workplace	18	120
Total duration of training leading to the certificate		680

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.sepie.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

