

1. TITLE OF THE CERTIFICATE (ES)

Certificado de Profesionalidad de nivel 3 en
QUIO0212 CONTROL DEL PRODUCTO PASTERO-PAPELERO

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Professional Certificate Level 3 in
QUIO0212 MONITORING OF PULP AND PAPER PRODUCTION
(This translation has no legal status)

3. PROFILE OF SKILLS AND COMPETENCES

The holder of this certificate will have acquired the **general competence** to organise, monitor and control the sampling, based on established procedures, activity, in the pulp and paper laboratory, physical and physicochemical analysis, chemical analysis, micrographic and biological analysis, and, if necessary, perform them, applying the rules and methods provided, informing his/her superior of the results, either to the laboratory superior or to the process superior, as appropriate, ensuring compliance with safety and environmental standards. This general competence is divided into the following **skill units** (UC):

- Organise and manage the activity of the laboratory using specific procedures and standards (UC0052_3).
- Organise the sampling plan and perform sampling (UC0053_3).
- Monitor and perform the micrographic and biological pulp and paper analysis (UC1544_3).
- Monitor and perform pulp and paper chemical analysis (UC1543_3).
- Monitor and perform physical and physicochemical pulp and paper analysis (UC1542_3).

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

- Quality in the laboratory (MF0052_3).
- Sampling for testing and analysis (MF0053_3).
- Micrographic and microbiological pulp and paper analysis (MF1544_3).
- Pulp-papermaking chemical analysis (MF1543_3).
- Physical and physicochemical pulp and paper analysis (MF1542_3).
- Practical training at the workplaces in monitoring of pulp and paper production (MP0565).

(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:

- Interpret and apply the rules relating to good laboratory practices, health and safety and environmental control, collecting the results in the expected computer formats.
- Conducting sampling and moving them in conditions that guarantee the representation and control of cross-contamination.
- Perform or assist in the performing of micrographic and microbiological analysis of pulp and paper products specific to the application sector (pulp mills, paper mills and paperboard mills).
- Perform chemical analysis on pulp and paper products specific to the application sector (pulp mills, paper mills and paperboard mills).
- Do or collaborate on physical or physicochemical analysis of pulp and paper products specific to the application sector (pulp mills, paper mills and paperboard 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 sector of manufacture of pulps for papermaking or others, paper and cardboard mills, pulp and paper by-products manufacture and research and trade companies related to pulp and paper. The most relevant occupations and work positions are:

- Wood and cellulose materials laboratory analyst.
- Pulps laboratory analyst.
- Paper laboratory analyst.
- Cardboard and paper derivatives laboratory analyst.
- Coated analyst.

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 3 of the National Repertoire of Professional Certificates corresponds to level 4 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 3 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 II, Code: QUIO0212)

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

Description of vocational training received	Percentage of total programme (%)	Duration (hours)
Training modules	79	450
Practical training at the workplace	21	120
Total duration of training leading to the certificate		570

Entry/access requirements:

- *Bachiller* Diploma (upper secondary education); or
- Professional Certificate Level 2 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

