

**1. TITLE OF THE CERTIFICATE (ES)**

**Certificado de Profesionalidad de nivel 2 en  
QUIO0109 PREPARACIÓN DE PASTAS PAPELERAS**

**2. TRANSLATED TITLE OF THE CERTIFICATE (EN)**

**Professional Certificate Level 2 in  
QUIO0109 PREPARATION OF PAPER PULP  
(This translation has no legal status)**

**3. PROFILE OF SKILLS AND COMPETENCES**

The holder of this certificate will have acquired the **general competence** to operate, control and conduct the process of obtaining pulp from recycled paper, with or without de-inking, as well as processes of preparing pulp, whether virgin or recycled, and the auxiliary operations for the paper process, while complying with established standards governing risk prevention, quality and the environment, and maintaining the equipment at the best possible level. This general competence is divided into the following **skills units** (UC):

- Operate equipment for preparing virgin or recycled pulp (UC0774\_2).
- Prepare and dose additives (UC0775\_2).
- Operate and maintain auxiliary services for the paper process (UC0043\_2).
- Control the paper pulp process (UC0044\_2).

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

- Preparation of virgin or recycled pulp (MF0774\_2).
- Preparation and dosing of additives and chemicals (MF0775\_2).
- Auxiliary services for the paper process (MF0043\_2).
- Local control in paper pulp plants (MF0044\_2).
- Practical training at the workplace in preparation of paper pulp (MP0202)

(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 work of preparing recycled pulp.
- Take part in the work of treating virgin or recycled pulp.
- Carry out the work of sourcing, handling and use of the different fluids.
- Take part in the work related to energy generation.
- 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 may work in factories or processes where paper and cardboard is manufactured, obtaining pulp from recycled or unused paper, or preparing pulp, whether from pulp factories (virgin) or recycling plants (recycled). This work is in the following sectors: paper manufacturing, flat cardboard manufacturing and manufacturing of pulp from recycled paper. The most pertinent occupations and positions are:

- Decorticating machine operator.
- Whitening machine operator (paper pulp).
- Paper or cardboard manufacturing machine operator, in general.
- Decorticating or pulper machine operator.
- Refining operator.
- Recycling plant operator.

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 719/2011 of 20 May, establishing ten professional certificates in the professional family Chemistry, which are included in the National Repertoire of Professional Certificates, and updating the professional certificate established as Appendix III of Royal Decree 1970/2008 of 28 November. (Appendix VII, Code: QUI00109)

## 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	85	460
Practical training at the workplace	15	80
<b>Total duration of training leading to the certificate</b>		<b>540</b>

### 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](http://www.sepe.es)

National Europass Centre: [www.oapee.es](http://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

