

CERTIFICATE SUPPLEMENT (\*)  
SPAIN

TITLE OF THE CERTIFICATE (original language: ES)

EXPERT IN PULP AND PAPER PROCESSING OPERATIONS

TRANSLATED TITLE OF THE CERTIFICATE (language)

PROFILE OF SKILLS AND COMPETENCES

General competence

Perform all the basic and control operations of the various processes for the manufacture of pulp, paper and cardboard, observing the appropriate safety, quality and environmental conditions and taking charge of the first-level maintenance of the equipment.

Competence units

1. Preparing facilities and operating auxiliary services to chemical processing.
2. Operating paper pulp manufacturing equipment.
3. Manufacturing, transforming and treating paper and cardboard.
4. Controlling the chemical process.
5. Acting in accordance to proper laboratory, safety and environmental rules.

RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE

Wood handling operator. Wood treatment operator. LN boilers operator/machinist. Mixtures operator/machinist. Sifting/purification operator. Mechanical pulp / brown mechanical pulp / sulphate / bisulphite operator. Reactor plant operator. Bleaching plant operator. Digester house operator. Pulp/press plant operator. Trim and waste paper operator. Paper machines operator. Windingoperator. Mixtures and colorants operator. Coating machine operator. Paper mill control operator. Boiler-water treatment operator. Waste-water and discharges treatment operator. Cardboard machine operator.

**(\*) Explanatory note**

This document is designed to provide additional information about the specified certificate and does not have any 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.

The body awarding this Certificate Supplement may leave blank any box considered not to be applicable.

<b>Name and status of the body awarding the certificate</b> MINISTERIO DE EDUCACIÓN, CULTURA Y DEPORTE  (Central Government)	<b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b> MINISTERIO DE EDUCACIÓN, CULTURA Y DEPORTE (Central Government) COMPETENT BODY IN THE AUTONOMOUS COMMUNITY (Autonomic Government)
<b>Level of the certificate in the awarding country</b> Intermediate Vocational Training (CNED 33 F– Specific Intermediate Vocational Training and equivalents, Plastic Arts and Design, and Sports)	<b>Grading scale / Pass requirements</b> Basic regulation of the Ministry of Education, Culture and Sports of 21 July 1994. Occupational modules: graded from 1 to 10 (5 is pass). Training at work: pass / fail. Continuous assessment system.
<b>Access to next level of education/training</b> Secondary Education and Advanced Training Cycles in the same occupational family or a related family as per regulations.	<b>International agreements</b>
<b>Legal basis</b> Law 1/1990 of October 3, Organic Law 5/2002 of June 19, Royal Decree 676/1993 of May 7, Royal Decree 777/1998 of April 30 ROYAL DECREE 815/1993, of May 28 (BOE 13/08/93), modified by ROYAL DECREE 2207/93 of December 17.	

OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

<b>Description of vocational education and training received</b>	<b>Percentage of total programme (%)</b>	<b>Duration</b> <i>hours/weeks/months/years</i>
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\* At Secondary Education Centres or approved training centres, including training modules of a theoretical-practical nature and Training at Work.

- MANUFACTURE OF PAPER AND CARDBOARD
- MANUFACTURE OF PULP
- TRAINING AT WORK
- OCCUPATIONAL TRAINING AND GUIDANCE
- INSTRUMENTATION AND CONTROL OF CHEMICAL PROCESSES
- ORGANIZATION, SAFETY AND CHEMICAL ENVIRONMENT
- APPLIED CHEMISTRY
- AUXILIARY SERVICES TO CHEMICAL PROCESSING

	<i>Total duration of the education/ training leading to the certificate</i>	1400 hours
<b>Entry requirements</b> Holding the Secondary Education Graduate Certificate or equivalent certificate for entry purposes. Holding the certificate for the entry examination.		
<b>Additional information</b> More information available at: <a href="http://www.educacion.es">http://www.educacion.es</a>		