

1. TITLE OF THE CERTIFICATE (ES)

Certificado de Profesionalidad de nivel 2 en
SEAG0210 OPERACIÓN DE ESTACIONES DE TRATAMIENTO DE AGUAS

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Professional Certificate Level 2 in
SEAG0210 OPERATIONS ON WATER TREATMENT PLANTS
(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, maintain and monitor the operation of equipment, unit processes and facilities in water treatment and purification plants. This general competence is divided into the following **skills units** (UC):

- Operate the water treatment and purification processes (UC0073_2).
- Carry out maintenance operations on water treatment or purification plant equipment and facilities (UC0074_2).
- Adopt occupational risk prevention measures at the workplace (UC0075_2).

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

- Running and operation of water treatment and purification processes (MF0073_2).
- Maintenance of the equipment and facilities in a water treatment and purification plant (MF0074_2).
- Safety and health (MF0075_2)
- Practical training at the workplace in operations of water treatment plant (MP0357).

(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:

- Adjust and operate mechanical, electrical or parameter measuring equipment for the control of purification processes.
- Record data, complete the standard working reports and take samples of inflow and outflow, intermediary processes and sub-products.
- Carry out and control the treatment, storage, use and removal operations on waste and sub-products of the purification process.
- Detect any anomalies in the operation of the equipment by applying the maintenance plan and by visual inspection and repair of simple faults, completing the established maintenance reports.
- 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 water treatment and purification facilities, in waste-water treatment facilities, urban, mixed or industrial waste-water treatment plants, and in water treatment plants for human consumption. The holder may work in productive sectors associated with water treatment and purification.

The most pertinent occupations and positions are:

- Waste-water treatment plant operator.
- Waste-water treatment plant technician.
- Water treatment and purification plant operator, in general.
- Water supply treatment plant operator.
- Operator of incineration plants, water treatment plants and other facilities.

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 1536/2011 of 31 October, establishing two professional certificates in the professional family Security and Environment, which are included in the National Repertoire of Professional Certificates. (Appendix II, Code: SEAG0210)

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
Total duration of training leading to the certificate		540

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

