

## 1. TITLE OF THE CERTIFICATE (ES)

**Certificado de Profesionalidad de nivel 3 en  
ARTG0412 AFINACIÓN Y ARMONIZACIÓN DE PIANOS**

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

**Professional Certificate Level 3 in  
ARTG0412 PIANO TUNING AND TEMPERING  
(This translation has no legal status)**

## 3. PROFILE OF SKILLS AND COMPETENCES

The holder of this certificate will have acquired the **general competence** to tune and temperate pianos, performing the assessing the situation of the piano and the interventions plan, and developing processes of replacement of parts or elements of the mechanics of the piano, following occupational safety and environmental protection measures, and quality assurance.

This general competence is divided into the following skill units (UC):

- Assess the state of the piano (UC2117\_3).
- Plan the interventions for tuning, equal tempering and regulation of pianos (UC2118\_3).
- Replace the parts or elements of the piano mechanism and prepare it for intervention (UC2119\_3).
- Tune pianos (UC2120\_3).
- Temperate pianos (UC2121\_3).
- Organise the professional occupation of an artisan workshop (UC1690\_2).

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

- Assessment of the state of the piano (MF2117\_3).
- Intervention planning of tuning, tempering and regulation of pianos (MF2118\_3).
- Replacement of parts and elements of the piano mechanism (MF2119\_3).
- Tuning of pianos (MF2120\_3).
- Tempering of pianos (MF2121\_3).
- Organization of the professional activities of an artisan workshop (MF1690\_2).
- Practical training at the workplace of piano tuning and tempering (MP0544).

(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:

- Tune one of the three strings of the central note LA, according to the intervention plan and a given piano, complying with occupational risk prevention measures and quality criteria.
- Get the temperament of the piano, according to the intervention plan and a given piano, complying with occupational risk prevention measures and quality criteria.
- Assess the sound and beat of the piano, according to the intervention plan and given piano, complying with occupational risk prevention measures and quality criteria.
- Assess the piano's keyboard situation complying with occupational risk prevention measures and quality criteria.
- Assess the state of the piano's mechanism complying with occupational risk prevention measures and quality criteria.
- Prepare pianos considering the intervention plan and a given piano.
- Apply procedures of disassemble and assemble parts, components and elements of the piano's mechanism, according to the intervention plan and a given piano, complying with occupational risk prevention measures and quality criteria.
- Apply the selection and preparation of strings and/or piano staves, according to the intervention plan and given piano, complying with occupational risk prevention measures and quality criteria.

#### 4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THIS CERTIFICATE

The holder of this certificate may work in the craft sector related to the subsector of manufacture, repair and maintenance of musical instruments in general and pianos in particular. The most relevant occupations and work positions are:

- Piano tuner.
- Piano tuner Technician.

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 985/2013 of December 13th, by which ten professional certificates of the professional family "Arts and crafts", included in the National Repertoire of professional certificates are established, and the professional certificates established as Appendix II III of Royal Decree 613/2013, of August 2nd are updated. (Appendix VI, Code: ARTG0412)

## 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	90	730
Practical training at the workplace	10	80
<b>Total duration of training leading to the certificate</b>		<b>810</b>

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

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

