

## 1. Title of the certificate (NL)

**Ervaringsbewijs: podiumtechnicus geluid (m/v)**

In the original language

## 2. Translated title of the certificate

**Certificate of professional competence: performing arts sound technician (m/f) (EN)**

**Titre de compétence professionnelle: régisseur son de spectacle (h/f) (FR)**

This translation has no legal status.

## 3. Profile of skills and competences

***The occupational standard was developed and approved by the sectoral social partners.***

***The holder of the certificate of professional competence can:***

***draw up a technical sound plan:***

- offer technical solutions to the designer/director in order to realise an artistic concept, taking into account the restrictions and possibilities of location and funds;
- mark the sound equipment and its position on a technical plan;
- document the sound plan with patch, fly bar, material and cue lists;
- choose alternatives whenever a piece of equipment is not present, respecting the artistic concept;
- cut and mount audio material on a recording medium, so that it is ready for the cue for use during the performance.

***install and connect sound equipment:***

- install microphones, loudspeakers and monitors or hang them in the fly bars or rigging points according to the requirements of the sound plan and the possibilities of the room;
- install the sound mixing console as central in the room as possible, at the same level as the public and close enough to the stage so that the operator can assess what the sound is like for the spectators;
- ensure the maximum distributed load and point load are not exceeded when installing items on the fly bars or rigging points;
- secure all items on the fly bar or rigging points with a safety cable that is strong enough to ensure the weight, minimises the drop height and does not obstruct any moving parts;
- check tension and safety devices on the electricity grid before connecting electric equipment;
- connect the sound system with power supply, so that there is no overload or failure;
- connect microphones, monitors, speakers, effects units and amplifiers with the sound tables, so that the equipment functions, cables are not twisted and connections can be traced.

***set up sound equipment:***

- set frequencies so that there is no interference between several wireless appliances;
- set up loudspeakers and monitors, taking into account the dispersion angles of the sound system, the acoustic characteristics and the size of the room;
- set the sound system so that the sound is distributed equally over the room;
- set the room and monitor mix, taking into account the sound plan, the possibilities of the room and the director's and artists wishes, so that all can be well understood in the room or on scene and there is no feed-back;
- set the tone control of the sound table and the peripherals (equalizer, sound effects, noise gates and compressors) so that a balanced mix is made, according to the wishes of director, designer and artists;
- set standard sound effects (reverb and delay) in peripherals, according to the wishes of director, designer and artists;
- set the parameters for sound recordings on the mixing console so that the recording has sufficient dynamism without giving rise to distortion.

### **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/C224/04 of 15 July 1996 on the transparency of vocational training certificates, and Recommendation 2001/613/EG 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.

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***operate sound equipment:***

- consult sound modes at the right time;
- follow up visual and given cues;
- provide an alternative in case a microphone, monitor or loudspeaker breaks down in order to get a similar result;
- adjust the sound on the room or monitor console whenever something is not clearly understandable anymore, when there is feed-back or the mix does not match the artistic concept or at the artist's request;
- make sound recordings of the performance on a sound carrier.

***detect and solve problems:***

- measure voltage, power and resistance by means of a universal measuring device and compare measured values with expected and deduced values;
- detect errors in projection systems by excluding possible causes;
- turn off the power of an electrical installation before working on it;
- decide which speaker in the sound system has broken down;
- determines the current needed in function of the cable section when replacing a fuse;
- replace fuses according to the technical specifications of the equipment;
- replace connectors, ensuring that the cable sheath is clamped in the plug and the cable cannot be pulled loose.

***confer:***

- discuss the artistic aspects of the technical sound plan and their impact on other designs, so that the sound plan is in accordance with the artistic requests and with the other technical designs of the performance;
- explain problems regarding sound techniques in the production to the designer/director or to the stage manager;
- discuss financial and logistic aspects of the technical sound plan (cost, safety, transportability, ...), so that the planned performance can effectively be realized;
- adapt used vocabulary when discussing the production with persons without a technical background.

***cooperate:***

- give clear and unambiguous oral and written instructions to colleagues and assistants when installing sound equipment, so that it is set up safely and in accordance with the technical sound plan;
- exchange functional information with colleagues about the allocation, implementation and progress of the work, so that construction, performance and dismantling can be done fluently and safely;
- follow up agreements (regarding construction, performance and dismantling).

***work safely:***

- fix cables so no one can trip over them;
- use mobile scaffolds and ladders so that they cannot move or fall;
- use tools only for jobs they were intended for;
- apply lifting techniques;
- inform colleagues on stage before lowering fly bars or rigging points;
- report dangerous situations and potential risks to the person in charge;
- use fall protection when working at heights.

#### 4. Range of sectors and occupations relevant to the holder of the certificate

*The holder of the certificate of professional competence can work as a performing arts sound technician in the live performance industry and social profit (theatres, cultural centres, operas, theatre, music and dance companies, live performance production houses and stage equipment rental companies).*

5. Official basis of the certificate	
<b>Name and status of the body awarding the certificate</b> <i>Test centre recognized by the Flemish government</i>	<b>Name and legal status of the national/regional authority providing accreditation/recognition of the certificate</b> <b>Flemish Ministry of Employment and Social Economy</b> <i>Koning Albert II laan 35 box 21</i> <i>B-1030 Brussels</i>
<b>Level of the certificate (national or international)</b> <i>Flemish level</i> <i>RAC (Recognition of Acquired Competences)</i>	<b>Grading scale / Minimum requirements</b> <i>All competences as described in point 3 must be proved.</i>
<b>International or European regulation</b>	
<b>Legal basis</b> <ul style="list-style-type: none"> <li>• <i>Flemish Government Order of 23 September 2005 implementing the Decree of 30 April 20004 on obtaining a certificate of occupational competence</i></li> <li>• <i>Ministerial Order of 4 June 2009 determining the standard for the title of performing arts sound technician (= certificate of occupational competence)</i></li> </ul>	

6. Officially recognized ways of acquiring the certificate		
<b>Description of followed pathways</b>	<b>Percentage of total programme (%)</b>	<b>Duration (hours/weeks/months/years)</b>
Recognition of Acquired Competences (RAC)	100	Max. 8 hours
<b>Total duration of the assessment leading to the certificate</b>		Max. 8 hours
<b>Additional information</b> <i>The assessment was developed according to the performing arts sound technician standard, as established and approved by worker and employer representatives from the sectors of live performance and social profit. The assessment consists of an optional portfolio evaluation and the actual assessment by 2 evaluators according to the performing arts sound technician standard.</i>		
<b>More information is available at:</b> <a href="http://www.ervaringsbewijs.be">www.ervaringsbewijs.be</a>		
<b>Flemish overview of Europass Certificate supplements</b> <i>You can download the Flemish Europass Certificate supplements in different languages and find a description of the national and regional systems for qualifications at:</i> <a href="http://www.europass-vlaanderen.be/cs">www.europass-vlaanderen.be/cs</a>		