

## 1. Title of the certificate (NL)

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

In the original language

## 2. Translated title of the certificate

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

**Titre de compétence professionnelle: régisseur vidéo 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 plan for display and projection equipment:***

- 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;
- choose appropriate sources, interfaces, screens and projectors;
- determine projection angles;
- choose adapted lenses according to projection distance and screen size;
- draw up an implantation schedule and block diagram of the display and projection equipment.

***install and connect display and projection equipment:***

- install or hang up projection screens, display screens, cameras and projectors according to the requirements of the technical plan, in order not to have projection hindered by persons or objects and in order not to disturb lighting and sound amplification;
- install and direct cameras on stage, so that they capture the images desired by the designer or director without hindering the performance;
- see to it that the maximum distributed load and the maximum point load are not exceeded when installing objects on the fly bar or rigging points;
- secure all items on the fly bar or rigging points with a safety cable that is strong enough to secure 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 a source through the necessary interfaces with a receiver, so that the equipment functions, cables are not twisted and connections can be traced;
- connect light and sound equipment with the video installation and vice versa (MIDI, DMX,...).

***set up display and projection equipment:***

- set the parameters of a projector for front or retro projection, based on a test image;
- set the display equipment according to the designer/director's wishes;
- programme interfaces in accordance with technical documentation and the technical requirements of other peripheral equipment;
- set the parameters of the sources, so that the captured images are sent to the correct receivers;
- programme different view modes using adapted software or image blender, taking into account technical documentation, the possibilities of the room and the designer/director's wishes;
- set the connections with lighting and sound equipment (MIDI, DMX,...).

### **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 display and projection equipment:***

- link, process or mix different images and send them to different receivers using a control module, adapted software or manually operated display equipment;
- follow up visual and given cues;
- adopt the timing and image result of the projections to the action on stage, in accordance with the artistic concept;
- make simple recordings of the performance using a fixed camera, so that captured images may be directly projected.

***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;
- replace projector lamps according to the instructions;
- 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 plan and their impact on other designs, so that the technical projection plan is in accordance with the artistic requests and with the other technical designs of the performance;
- explain problems regarding imaging techniques in the production to the designer/director or to the stage manager;
- discuss financial and logistic aspects of the technical projection 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 and hanging up display and projection equipment, so that it is set up safely and in accordance with technical documentation;
- 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 projection 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> <i>Flemish Ministry of Employment and Social Economy Koning Albert II laan 35 box 21 B-1030 Brussels</i>
<b>Level of the certificate (national or international)</b> <i>Flemish level 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 projection 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 projection technician standard, as established and approved by employee 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 projection 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>		