

## 1. Title of the certificate (NL)

**Ervaringsbewijs: torenkraanbestuurder (m/v)**

In the original language

## 2. Translated title of the certificate

**Certificate of professional competence: tower crane operator (m/f) (EN)**

**Titre de compétence professionnelle: conducteur de grue à tour (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:***

***check the crane for safety defects before starting activities:***

- check the operation of the height and depth stop switches;
- check the operation of the stroke limiters of the travelling winch;
- check the reduction gears for oil leaks;
- stop windvaning;
- examine the condition of the ballast;
- examine the cable on the hoist drum.

***assess the use of hoisting equipment:***

- check, before entering the crane, the condition of the hoisting equipment;
- choose, before entering the crane, only serviceable hoisting equipment;
- assess the weight of the load by using the circumference, surface, specific gravity and density concepts;
- hoist only when the choice of hoisting equipment is consistent with the shape and weight of the load;
- hoist only with a properly slung load;
- move unloaded hoisting equipment wobble free.

***carry out hoisting activities:***

- position the hook straight above the stop point;
- charge hoisting equipment in bottom gear;
- when working blindly, hoist the load vertically up to the height indicated by the signaller;
- when moving a load blindly, take account of the project circumference;
- move the load with a combination of at least two movements in two speeds;
- minimise the load's sways during the span;
- position the load according to the indications of the signaller;
- lay down the load in bottom gear.

The holder of the certificate of occupational competence knows:

- how to read a load span graph.

### 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.

More information available at: <http://europass.cedefop.europa.eu>

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**park the crane:**

- leave the hook unladen;
- position the hook roughly 1 metre under the maximum height;
- position the travelling winch under the travelling winch motor;
- place the crane in a fixed spot;
- start windvaning;
- turn the crane's power off.

**work in safe conditions:**

- use the swing brake when the boom is at a standstill;
- wear a helmet and safety shoes onsite;
- take account of the presence of people and obstacles;
- keep safety devices in their starting position.

The holder of the certificate of occupational competence knows:

- the whereabouts of the safety cut-outs and their purpose;
- that after each assembly and every three months the general condition of the crane has to be checked by the field technical inspection service and the latest inspection report has to be kept;
- that safety defects have to be reported to the person in charge;
- that if the crane tower is mobile the wheel clamps have to be removed to check the travelling area for any obstacles (such as construction material) and the wheel clamps have to be replaced after parking;
- that a load exposed to a lot of wind has to be held by one or more ropes;
- the purpose and operation of the cantilever lock;
- how the wind velocity affects the moving of loads.

**communicate:**

- observe signals in keeping with the legislation;
- communicate with the signaller by radio in a clear and unambiguous fashion;
- give priority to signals above other means of communication;
- use a single radio frequency when working in the blind;
- sound the alarm in the event of danger or inadequate slinging.

The holder of the certificate of occupational competence knows:

- the candidate can interpret signals in keeping with the legislation.

**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 tower crane operator in the construction sector.*

**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 Work and Social Economy</b> <i>Koning Albert II laan 35 box 21  1030 Brussels</i>
<b>Level of the certificate (national or international)</b> <i>Flemish level  RAC (Recognition of Acquired Competences)</i>	<b>Grading scale / Pass requirements</b> <i>All competences as described in point 3 must be proved.</i>
<b>International agreements</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 2004 on the acquisition of a certificate of professional competence</i></li> <li>• <i>Ministerial Order of 15 February 2006 determining the standard for the title of tower crane operators (= certificate of professional competence)</i></li> </ul>	

## 6. Officially recognized ways of acquiring the certificate

Description of followed pathways	Percentage of total programme (%)	Duration (hours/weeks/months/years)
Recognition of acquired competences	100 %	Max. 7 hours
<b>Total duration of the assessment leading to the certificate</b>		Max. 7 hours

### **Additional information**

*The assessment was developed according to the tower crane operator standard, as established and approved by employees' representatives and employers' representatives from the construction sector. The assessment consists of an optional portfolio evaluation and the actual assessment by 2 evaluators according to the tower crane operator standard.*

### **More information is available at:**

[www.ervaringsbewijs.be](http://www.ervaringsbewijs.be)

### **Flemish overview of Europass certificate supplements:**

*You can download the Flemish Europass Certificate supplements in different languages and find a description of the national and regional systems for qualifications at:*

[www.europass-vlaanderen.be/cs](http://www.europass-vlaanderen.be/cs)