



## 1. TITLE OF THE CERTIFICATE (NL)

**Diploma Beroepsonderwijs**  
**Kwalificatie: Middenkaderfunctionaris grond-, weg- en waterbouw**  
**Kwalificatiedossier: Middenkader bouw en infra**  
 In the original language

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

**Certificate Senior Secondary Vocational Education**  
**Qualification: Supervisor ground, road and waterway construction**  
**Qualification file: Supervision construction and infrastructure**  
 This translation has no legal status

## 3. PROFILE OF SKILLS AND COMPETENCES

Core task 1: Gathers, processes and integrates project information

- 1.1 Gathers, registers and manages project information
- 1.2 Integrates project information

Core task 2: Prepares infrastructure work

- 2.1 Develops designs
- 2.2 Makes (sub) budgets
- 2.3 Carries out work planning
- 2.4 Creates maintenance plans

Core task 3: Supervises implementation of infrastructure work

- 3.1 Supervises infrastructure work
- 3.2 Monitors time and costs of infrastructure work
- 3.3 Carries out dimensioning
- 3.4 Carries out quality controls
- 3.5 Carries out revision tasks

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

The Supervisor ground, road and waterway construction works in the building/infrastructure sector at organisations, businesses and institutions that design, realise, manage and maintain the infrastructure, as profit or non profit organisations. He is involved in the design, realisation and maintenance of projects and depending on the organisation in which he is employed will be more broadly involved in multiple aspects or perform a more specialist task relating to a project phase. In his work, he will be involved with drawings, schedules of requirements/contracts, budgets/offers, timetables, structures, implementation aspects and management.

## 5. OFFICIAL BASIS OF THE CERTIFICATE

**Name and status of the body awarding the certificate**

The certificate issued on completion of the programme is signed by the examination board at the school where the pupil attended the programme.

**Name and status of the national/regional authority providing accreditation/recognition of the certificate**

Ministry of Education, Culture and Science

**\* 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 is available at: <http://www.europass.cedefop.europa.eu/>

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## 5. OFFICIAL BASIS OF THE CERTIFICATE

<p><b>Level of the certificate (national or international)</b>  Qualification level 4 of the Dutch VET qualification structure  Characteristics: non-job related skills such as tactical and strategic capacities. The professional bears his or her own responsibility, which is not only related to practical implementation in terms of monitoring and supervision, but also a more formal, organisational responsibility. The range of tasks also includes drafting new procedures.  NLQF-niveau 4 - EQF level 4 - ISCED 3A</p>	<p><b>Grading scale / Pass requirements</b></p> <table style="border: none;"> <tr><td>10</td><td>excellent</td></tr> <tr><td>9</td><td>very good</td></tr> <tr><td>8</td><td>good</td></tr> <tr><td>7</td><td>very satisfactory</td></tr> <tr><td>6</td><td>pass</td></tr> <tr><td>5</td><td>fail</td></tr> <tr><td>4</td><td>unsatisfactory</td></tr> <tr><td>3</td><td>very unsatisfactory</td></tr> <tr><td>2</td><td>poor</td></tr> <tr><td>1</td><td>very poor</td></tr> </table>	10	excellent	9	very good	8	good	7	very satisfactory	6	pass	5	fail	4	unsatisfactory	3	very unsatisfactory	2	poor	1	very poor
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3	very unsatisfactory																				
2	poor																				
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<p><b>Access to next level of education/professions</b>  The Supervisor ground, road and waterway construction can advance to more responsibilities and managing larger and/or more complex projects or specialise further. This requires following additional courses, training programmes or obtaining senior secondary vocational education certificates. Examples are further specialisation towards realisation, work planning, calculation or construction. The Supervisor ground, road and waterway construction construction can also advance to management positions. Within senior secondary vocational education it is possible, following completion of the study programme, to follow the one-year preliminary course 'Management based on professional skills'. There are also numerous other training possibilities in related higher professional education (hbo) study programmes such as hbo Construction engineering, hbo Civil engineering, hbo Urban design or hbo Built Environment.</p>	<p><b>International agreements</b>  Supervisor ground, road and waterway construction is not a regulated profession in the Netherlands. However, the education and training for this profession on qualification level 4 is regulated under the European directive 2005/36/EC, amended by directive 2013/55/EU. The regulated education and training gives access to regulated professions at the level of a diploma according to article 11 of this directive.</p>																				
<p><b>Legal basis</b>  Act on Vocational Education and Training (WEB), registered number of qualification (crebo): 25871  The education and training for this qualification is offered as of 01-08-2023.</p>																					

## 6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

<p>Senior secondary vocational education features two learning pathways: the school-based pathway (bol) and the training on the job pathway (bbl).  In the school-based pathway, the majority of the course consists of theory at school. The extent of the practical component (vocational practice) is between 20% and 60%. In the training on the job pathway, the extent of vocational practice is at least 60% of the course. The participant works four days a week in a training company, and attends school for theory subjects just one day a week.  In principle it is possible to follow both learning pathways, but which pathway is offered will depend on the individual educational institution.</p>	
<p><b>Average duration of the education/ training leading to the certificate</b></p>	<p><b>4 years (6400 study hours) (depending on previous education)</b></p>
<p><b>Entry requirements</b>  The certificate preparatory vocational secondary education (vmbo) advanced vocational programme, combined programme, or theoretical programme, or a comparable level.</p>	

## 7. ADDITIONAL INFORMATION

<p>Dutch senior secondary VET is based on qualification files, that each contain one or more qualifications. The information included in part 3 and 4 is derived directly from the qualification file determined by the Minister of Education, Culture and Science. The complete qualification file can be found at <a href="http://kwalificaties.s-bb.nl">kwalificaties.s-bb.nl</a>, only in Dutch.</p>
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## 7. ADDITIONAL INFORMATION

Optional subjects are linked to the qualification. The optional subjects have a total size of 15% of the course duration. The optional subjects completed by the student are listed on the certificate.

Additional information, including a description of the Dutch national qualifications system, is available at the Netherlands National Reference Point (NRP): [www.s-bb.nl](http://www.s-bb.nl). The NRP is the information centre for vocational qualifications in the Netherlands. SBB has been appointed in this capacity by the Ministry of Education, Culture and Science.