



1. TITLE OF THE CERTIFICATE (NL)

Diploma Beroepsonderwijs
Kwalificatie: Machinist wegenbouw
Kwalificatiedossier: Machinisten

In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Certificate Senior Secondary Vocational Education
Qualification: Machine operator road building
Qualification file: Machine operators

This translation has no legal status

3. PROFILE OF SKILLS AND COMPETENCES

Core task 1: Prepares and carries out work with the machine.

- 1.1 Prepares work with the machine
- 1.2 Prepares the machine for use
- 1.3 Loads and unloads the machine onto and from transport equipment
- 1.4 Moves the machine
- 1.5 Carries out work with the machine
- 1.6 Reports and records work

Core task 2: Prevents and identifies faults and takes appropriate action

- 2.1 Maintains the machine to prevent breakdowns
- 2.2 Identifies, analyses and communicates on machine breakdowns
- 2.3 Solves simple machine breakdowns
- 2.4 Registers and reports on maintenance and (simple) machine breakdowns

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

The Machine operator road building works in businesses in the construction and infrastructure sector, transport, at agricultural businesses, agricultural contracting businesses and/or rental companies. The main activities of these companies are wet and dry earthmoving, agricultural engineering, construction and maintenance of roads, milling, lifting work, foundation techniques and demolition work. The Machine operator road building uses roadbuilding machinery to carry out roadbuilding work. Depending on the type of machine, he carries out one of the following tasks such as applying compact surfaces or road rolling.

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>Level of the certificate (national or international) Qualification level 3 of the Dutch VET qualification structure Characteristics: implementation of more than just the own block of tasks. The professional is able to account for his or her actions towards colleagues, and monitors and supervises the work of others. The range of tasks also includes drafting work preparation procedures. NLQF-niveau 3 - EQF level 3 - ISCED 3C</p>	<p>Grading scale / Pass requirements</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>Access to next level of education/professions The Machine operator road building can advance to middle management studies in the sector and to study courses at level 4 in the qualification structure such as the qualification for Supervision construction and infrastructure or Planning / implementation. Following additional training and if demonstrating the necessary competences, the Machine operator road building can advance within the sector to further management and organisational positions such as operational foreman, planner, work planner or supervisor. The Machine operator road building also has horizontal transfer opportunities on the labour market. For example he can operate other machines or become a mechanic.</p>	<p>International agreements Machine operator road building is not a regulated profession in the Netherlands. However, the education and training for this profession on qualification level 3 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>Legal basis Act on Vocational Education and Training (WEB), registered number of qualification (crebo): 25949 The education and training for this qualification is offered as of 01-08-2024.</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>Average duration of the education/ training leading to the certificate</p>	<p>3 years (4800 study hours) (depending on previous education)</p>
<p>Entry requirements 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 kwalificaties.s-bb.nl, only in Dutch.</p> <p>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.</p> <p>Additional information, including a description of the Dutch national qualifications system, is available at the Netherlands National Reference Point (NRP): www.s-bb.nl. The NRP is the information centre for vocational</p>
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7. ADDITIONAL INFORMATION

qualifications in the Netherlands. SBB has been appointed in this capacity by the Ministry of Education, Culture and Science.