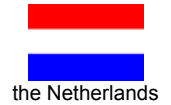


CERTIFICATE SUPPLEMENT (*)



1. TITLE OF THE CERTIFICATE (NL) Diploma Beroepsonderwijs Kwalificatie: Machinist wegenbouw Kwalificatiedossier: Machinisten <small>In the original language</small>
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2. TRANSLATED TITLE OF THE CERTIFICATE (EN) Certificate Senior Secondary Vocational Education Qualification: Machine operator road building Qualification file: Machine operators <small>This translation has no legal status</small>

3. PROFILE OF SKILLS AND COMPETENCES
<p>The most important duties of a Machine operator road building are:</p> <p>Core task 1: Prepares and carries out machine operation tasks</p> <ul style="list-style-type: none"> 1.1 Prepares to work with machine 1.2 Makes machine ready for use 1.3 Loads and unloads machine onto and off transporter 1.4 Moves the machine 1.5 Carries out machine work 1.6 Reports and registers working duties <p>Core task 2: Carries out maintenance & repairs and prevents malfunctions</p> <ul style="list-style-type: none"> 2.1 Prepares maintenance and repairs to the machine 2.2 Carries out maintenance and repairs 2.3 Identifies, analyses and rectifies machine malfunctions 2.4 Reports and registers maintenance

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE
<p>A Machine operator road building works for construction, infrastructure, transport, agriculture, contractor or rental companies. The primary activities in such companies involve wet & dry earth-moving, cultivation engineering, road building & maintenance, milling, hoisting, foundation engineering and arranging demolition work. The Machine operator road building carries out road construction work using road construction machinery. Depending on what kind of machine he uses, he applies road surfaces or does steamrolling.</p>

5. OFFICIAL BASIS OF THE CERTIFICATE	
Name and status of the body awarding the certificate	Name and status of the national/regional authority providing accreditation/recognition of the certificate

<p>* Explanatory note</p> <p>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.</p> <p>More information is available at: http://www.europass.cedefop.europa.eu/</p> <p>© European Communities 2002 - Version 2010</p>

5. OFFICIAL BASIS OF 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.	Ministry of Education, Culture and Science																				
<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 level 3 - EQF level 3 - ISCED 3C</p>	<p>Grading scale / Pass requirements</p> <table border="0"> <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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4	unsatisfactory																				
3	very unsatisfactory																				
2	poor																				
1	very poor																				
<p>Access to next level of education/professions A Machine operator road building can develop through middle management educations within this sector and through VET-level 4 educations within this qualification structure, such as qualifications in Supervision construction & infrastructure or Planning/implementation. After receiving additional education and indicating required skills, it is possible for the Machine operator road building to develop further administrative and organisational positions, such as co-supervisor, planner or building site supervisor. It is also possible for the Machine operator road building to develop horizontally in the labour market. For example, he could operate other machinery or become a mechanic.</p>	<p>International agreements The profession of Machine operator road building is not regulated 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): 25101 The education and training for this qualification is offered as of August 1, 2015.</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 (bbi). 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

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 <http://kwalificaties.s-bb.nl/>, only in Dutch.

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. 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.