

CERTIFICATE SUPPLEMENT (*)

1. TITLE OF THE CERTIFICATE (NL) Diploma Beroepsonderwijs Kwalificatie: Monteur werktuigkundige installaties Kwalificatiedossier: Werktuigkundige installaties (montage) <small>In the original language</small>
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2. TRANSLATED TITLE OF THE CERTIFICATE (EN) Certificate Senior Secondary Vocational Education Qualification: Mechanic mechanical installations Qualification file: Mechanical installations (assembly) <small>This translation has no legal status</small>
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3. PROFILE OF SKILLS AND COMPETENCES
<p>The most important duties of a Mechanic mechanical installations are:</p> <p>Core task 1: Installs mechanical installations</p> <ul style="list-style-type: none"> 1.1 Prepare mechanical installation work 1.2 Disassembles and cleans or replaces mechanical components and pipelines 1.3 Assembles mechanical components in piping systems of mechanical installations 1.4 Constructs piping systems for the mechanical installation 1.5 Monitors the operation of the mechanical installation 1.6 Round off mechanical installation work <p>Core task 2: Carrying out installation work on mechanical installations in the home and office buildings.</p> <ul style="list-style-type: none"> 2.1 Considers the installation of components and route of pipelines for mechanical installations 2.2 Assists in adjusting components and installation

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE
<p>A Mechanic mechanical installations works in homes, buildings and even boats. Installation engineering relates to everything connected to pipelines through which water or gas flows. The Mechanic mechanical installations is responsible for the correct connections between devices and pipelines. He installs simple installations and components. He is also responsible for maintenance. He generally works in people's homes or on new building projects. He can also work on larger projects, such as installing systems that regulate the climate in large or public buildings such as hospitals and schools.</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 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	
The certificate issued on completion of the programme is signed by the examination board at the school where the pupil attended the programme.	
Level of the certificate (national or international) Qualification level 2 of the Dutch VET qualification structure Characteristics: intended as an initial qualification, which everyone should at least obtain. The participant develops skills in order to be able to carry out practical tasks and is responsible for his or her own block of tasks. NLQF level 2 - EQF level 2 - ISCED 3C	Grading scale / Pass requirements 10 excellent 9 very good 8 good 7 very satisfactory 6 pass 5 fail 4 unsatisfactory 3 very unsatisfactory 2 poor 1 very poor
Access to next level of education/professions The Mechanic mechanical installations can progress to level 3 Skilled mechanic housing, Skilled mechanic office and utilities and Skilled mechanic roof covering.	International agreements
Legal basis Adult and Vocational Education Act (WEB), registered number of qualification (crebo): 25350 The education and training for this qualification is offered as of August 1, 2015.	

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE	
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.	
Average duration of the education/ training leading to the certificate	2 years (3200 study hours) (depending on previous education)
Entry requirements The certificate preparatory vocational secondary education (vmbo) basic vocational programme, or a comparable level.	

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.