



1. TITLE OF THE CERTIFICATE (NL)

Diploma Beroepsonderwijs
Kwalificatie: Monteur gas-, water- en warmtedistributie
Kwalificatiedossier: Infratechniek

In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Certificate Senior Secondary Vocational Education
Qualification: Mechanic gas, water and heating distribution
Qualification file: Infrastructure technology

This translation has no legal status

3. PROFILE OF SKILLS AND COMPETENCES

Core task 1: Installs, assembles and makes distribution network ready for use

- 1.1 Prepares work duties and organises the work location
- 1.2 Digs trenches and wells
- 1.3 Lays and assembles distribution networks
- 1.4 Makes constructed and mounted distribution network ready for use
- 1.5 Finishes and does administrative work for construction and assembly work

Core task 2: Maintains and troubleshoots gas, water and heat distribution networks

- 2.1 Prepares maintenance and troubleshoot work on gas, water and heat distribution networks
- 2.2 Assists in identifying and analysing malfunctions in gas, water and heat distribution networks
- 2.3 Decommissions gas, water and heat distribution networks
- 2.4 Maintains, replaces and repairs parts of gas, water and heat distribution networks
- 2.5 Makes maintained/repared gas, water and heat distribution networks ready for use
- 2.6 Administrates and completes maintenance and troubleshoot work

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

The Mechanic gas, water and heating distribution carries out work in the energy or water distribution sectors. He often works for construction, installation or network companies. He carries out various activities on gas, water and heat distribution networks such as the installation of gas, water and heat pipes and fittings and gas, water and heat consumer connections at the client's and carries out maintenance and repair work.

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 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-niveau 2 - EQF level 2 - 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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7	very satisfactory																				
6	pass																				
5	fail																				
4	unsatisfactory																				
3	very unsatisfactory																				
2	poor																				
1	very poor																				
<p>Access to next level of education/professions The Mechanic gas, water and heating distribution can progress to Skilled mechanic gas, water and heat distribution, Skilled mechanic gas stations or broaden his knowledge to Mechanic mechanical installations, Mechanic data distribution or Mechanic low-voltage distribution.</p>	<p>International agreements</p>																				
<p>Legal basis Act on Vocational Education and Training (WEB), registered number of qualification (crebo): 25272 The education and training for this qualification is offered as of 01-08-2015.</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 (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>2 years (3200 study hours) (depending on previous education)</p>
<p>Entry requirements The certificate preparatory vocational secondary education (vmbo) basic vocational 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 qualifications in the Netherlands. SBB has been appointed in this capacity by the Ministry of Education, Culture and Science.</p>
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