



## 1. TITLE OF THE CERTIFICATE (NL)

**Diploma Beroepsonderwijs**  
**Kwalificatie: Installatiemonteur met specialisatie utiliteit (IMu)**

In the original language

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

**Certificate Senior Secondary Vocational Education**  
**Qualification: Installation mechanic - specialisation utility**

This translation has no legal status

## 3. PROFILE OF SKILLS AND COMPETENCES

The most important duties of an Installation mechanic with specialisation utility are:

- Installation and assembly of pipe systems for drinking water, hot tap water, extinguishing water, sewer systems and rainwater discharge pipes;
- Dimensioning for the installation of sanitary and gas installations during the various construction phases;
- Inspection, testing and regulation of installations during initial handover according to the schedule of requirements relating to the design of the installations;
- Commissioning and decommissioning existing sanitary and gas installations for the implementation of technical installation alterations or more extensive renovations;
- Replacement of components, appliances and parts on the basis of instructions issued or measurement results;
- The localisation and correction of faults on the basis of the product information accompanying the building installation;
- Organizing work at workplaces;
- Instructing the assembly team;
- Negotiating and harmonizing plans with project management / design and drawing department.

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

The Installation mechanic with specialisation utility is employed at installation companies and companies which are specialized in canceling of failures and the maintenance of gas installations. The skills are not attached to one single profession. There is overlap with the service mechanic installation technology, installation mechanic with specialisation home building and installation mechanic with specialisation roofing.

## 5. OFFICIAL BASIS OF THE CERTIFICATE

<b>Name and status of the body awarding the certificate</b> The certificate issued on completion of the programme is signed by the examination board at the school where the pupil attended the programme.	<b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b> Ministry of Education, Culture and Science
<b>Level of the certificate (national or international)</b> 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	<b>Grading scale / Pass requirements</b> 10 excellent 9 very good 8 good 7 very satisfactory

## \* 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/>

© European Communities 2002 - Version 2010

5. OFFICIAL BASIS OF THE CERTIFICATE	
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	6 pass 5 fail 4 unsatisfactory 3 very unsatisfactory 2 poor 1 very poor
<b>Access to next level of education/professions</b> With a diploma at qualification level 3, transfer is possible to a course at qualification level 4.	<b>International agreements</b> The profession of Installation mechanic - specialisation utility 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.
<b>Legal basis</b> Act on Vocational Education and Training (WEB), registered number of qualification (crebo): 10540	

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.	
<b>Average duration of the education/ training leading to the certificate</b>	<b>2 year(s) (3200 study hours) (depending on previous education)</b>
<b>Entry requirements</b> The certificate preparatory vocational secondary education (vmbo) advanced vocational programme, combined programme, or theoretical programme, or a comparable level.	

7. ADDITIONAL INFORMATION
Additional information, including a description of the Dutch national qualifications system, is available at the Netherlands National Reference Point (NRP) for VET: <a href="http://www.nlncrp.nl">www.nlncrp.nl</a> SBB has been appointed by the Ministry of Education, Culture and Science as NRP.