



## 1. TITLE OF THE CERTIFICATE (NL)

**Diploma Beroepsonderwijs**  
**Kwalificatie: Operationeel technicus**  
**Kwalificatiedossier: Operationele techniek**

In the original language

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

**Certificate Senior Secondary Vocational Education**  
**Qualification: Operational technician**  
**Qualification file: Operational technology**

This translation has no legal status

## 3. PROFILE OF SKILLS AND COMPETENCES

The most important duties of an Operational technician are:

Core task 1: Operates and monitors installations

- 1.1 Prepares own working duties
- 1.2 Operates installations
- 1.3 Monitors installations
- 1.4 Carries out measurements and takes samples
- 1.5 Rectifies malfunctions

Core task 2: Carries out maintenance and installation duties

- 2.1 Prepares maintenance working duties
- 2.2 Tests installations
- 2.3 Carries out maintenance and associated administration

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

The Operational technician works for an external service provider in the sector fitting techniques, for companies belonging to the energy sector and the process industry, in hospitals, for maintenance companies, or for the Royal Navy. He monitors the production process of energy generation and supply and the quality and safety of the process-technical installations.

## 5. OFFICIAL BASIS OF THE CERTIFICATE

<p><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.</p>	<p><b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b>  Ministry of Education, Culture and Science</p>								
<p><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</p>	<p><b>Grading scale / Pass requirements</b></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> </table>	10	excellent	9	very good	8	good	7	very satisfactory
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## \* 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	
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> The Operational technician can do a programme for All-round operational technician (level 4).	<b>International agreements</b> The profession of Operational technician 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): 91670 The education and training for this qualification is offered as of August 1, 2009.	

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 (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.	
<b>Average duration of the education/ training leading to the certificate</b>	<b>3 year(s) (4800 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
Dutch senior secondary VET is based on qualification files, that each contain one or more qualifications. The information in section 3 and 4 is drawn directly from the qualification file, that is composed by the Centre of Expertise. The complete qualification file is available at <a href="http://www.kwalificatiesmbo.nl">www.kwalificatiesmbo.nl</a> , only in Dutch.  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.nlgrp.nl">www.nlgrp.nl</a>  SBB has been appointed by the Ministry of Education, Culture and Science as NRP.