



## 1. TITLE OF THE CERTIFICATE (NL)

**Diploma Beroepsonderwijs**  
**Kwalificatie: Engineer maritieme techniek**  
**Kwalificatiedossier: Maritieme techniek**

In the original language

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

**Certificate Senior Secondary Vocational Education**  
**Qualification: Engineer maritime technology**  
**Qualification file: Maritime technology**

This translation has no legal status

## 3. PROFILE OF SKILLS AND COMPETENCES

Core task 1: Carries out construction, service or repair work on vessels / maritime equipment and parts

- 1.1 Prepares the construction, service or repair work
- 1.2 Carries out construction or repair work
- 1.3 Carries out service tasks
- 1.4 Checks own work
- 1.5 Completes the construction, service or repair work

Core task 2: Prepares work in the design phase

- 2.1 Draws up the basic design
- 2.2 Prepares work and construction drawings
- 2.3 Contributes to drawing up the contract

Core task 3: Assists project management in construction, service, repair or modification work

- 3.1 Assists in starting up the engineering phase
- 3.2 Assists the project management in organising materials, resources and people
- 3.3 Monitors progress
- 3.4 Assists in handover of the (sub)project

Core task 4: Supervises the team's work on the work floor

- 4.1 Supervises the team
- 4.2 Holds work meetings

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

The Engineer maritime technology is involved in the design, construction and maintenance, repair and modification of (parts of) vessels and maritime equipment in the following sectors: ship building, yacht building, hydraulic engineering, water sports industry and offshore. He is employed at companies for construction/installation, completion, repair & maintenance and refit. He works on various types of vessels and maritime equipment such as bulk vessels, general cargo vessels, specialist vessels, non-cargo vessels (tugs, dredgers, offshore supply vessels, Floating Production, Storage and Offloading vessels, drilling vessels, cruise ships and ferries) as well as small and large yachts. The Engineer maritime technology also works at companies in the supply industry or at a range of companies in the water sports industry, such as yacht marinas, yacht brokers, wholesales and retailers, rental, sailing schools and boat schools. The Engineer maritime technology is employed on the shop floor and/or on board a vessel and/or maritime equipment.

**\* 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><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 4 of the Dutch VET qualification structure Characteristics: non-job related skills such as tactical and strategic capacities. The professional bears his or her own responsibility, which is not only related to practical implementation in terms of monitoring and supervision, but also a more formal, organisational responsibility. The range of tasks also includes drafting new procedures. NLQF-niveau 4 - EQF level 4 - ISCED 3A</p>	<p><b>Grading scale / Pass requirements</b></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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<p><b>Access to next level of education/professions</b> After obtaining this qualification, the Engineer maritime technology can transfer to study courses in higher professional education for example the study course higher professional education maritime engineering.</p>	<p><b>International agreements</b> Engineer maritime technology is not a regulated profession in the Netherlands. However, the education and training for this profession on qualification level 4 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><b>Legal basis</b> Act on Vocational Education and Training (WEB), registered number of qualification (crebo): 25598 The education and training for this qualification is offered as of 01-08-2019.</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><b>Average duration of the education/ training leading to the certificate</b></p>	<p><b>4 years (6400 study hours) (depending on previous education)</b></p>
<p><b>Entry requirements</b> The certificate preparatory vocational secondary education (vmbo) advanced vocational programme, combined programme, or theoretical 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 <a href="http://kwalificaties.s-bb.nl">kwalificaties.s-bb.nl</a>, 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): <a href="http://www.s-bb.nl">www.s-bb.nl</a>. The NRP is the information centre for vocational</p>
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## 7. ADDITIONAL INFORMATION

qualifications in the Netherlands. SBB has been appointed in this capacity by the Ministry of Education, Culture and Science.