



1. TITLE OF THE CERTIFICATE (NL)

Diploma Beroepsonderwijs
Kwalificatie: Scheepswerktuigkundige kleine schepen
Kwalificatiedossier: Koopvaardij

In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Certificate Senior Secondary Vocational Education
Qualification: Engineer small ships
Qualification file: Merchant navy

This translation has no legal status

3. PROFILE OF SKILLS AND COMPETENCES

Core task 1: Carries out operational tasks at operational level on ships

1.1 Controlling the operation of the ship and care for persons on board at the operational level A-II/1 and/or A-III/1

Core task 2: Carries out operational tasks at management level on ships

2.1 Controlling the operation of the ship and care for persons on board at the management level A-II/2 and/or A-III/2

Core task 3: Carries out safety tasks on ships

3.1 Acts in cases of emergencies and accidents on board

3.2 Manages and is in charge of rescue vessels

3.3 Provides first aid on board

3.4 Organises fire-fighting operations on board

3.5 Recognises and identifies potential threats

3.6 Takes care of ship security

Core task 4: Carries out technical tasks at operational level A-III/1 on small ships

4.1 Marine engineering at the operational level

4.2 Electrical, electronic and control engineering at the operational level

4.3 Maintenance and repair at the operational level

Core task 5: Carries out technical tasks at management level A-III/2 on small ships

5.1 Marine engineering at the management level

5.2 Electrical, electronic and control engineering at the management level

5.3 Maintenance and repair at the management level

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

An Engineer small ships can work aboard vessels less than 3000GT in size and up to 3000kW in power. These ships can be used in property and dry bulk transport, (heavy) cargo transport, reefer transport, towing or passenger transport. These ships are within a range of 200 sea miles from a notable working port and are generally active in nautical contracting (such as dredging and coastal/bank engineering), coastal towing and offshore supplying of sea mine facilities and windmill parks.

The Engineer small ships works in technical maintenance of a ship. He is a specialist who is best-placed on ships on which complex technical process take place with a large diversity of auxiliary machinery. Because the ship

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

generally sails on European waters, there is more interaction with shore organisation and more on-board processes are shore-supported due to the available infrastructure.
Because of (inter)national legislation, the Engineer small ships is required to possess a navigation licence, as set up by the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW). Navigation licences are issued for the combination length/propulsion of ships and sailing areas. The Engineer small ships must also be able to pass a maritime medical examination.

5. OFFICIAL BASIS OF THE CERTIFICATE

<p>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.</p>	<p>Name and status of the national/regional authority providing accreditation/recognition of the certificate Ministry of Education, Culture and Science</p>																				
<p>Level of the certificate (national or international) 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 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-niveau 3 - EQF level 3 - ISCED 3C</p>	<p>Grading scale / Pass requirements</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> <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>Access to next level of education/professions An Engineer small ships can develop vertically through educations such as Deck officer all ships, Engineer all ships or Maritime officer all ships.</p>	<p>International agreements In the Netherlands, Engineer small ships is a regulated profession under the European directive 2005/36/EC, amended by directive 2013/55/EU.</p>																				
<p>Legal basis Act on Vocational Education and Training (WEB), registered number of qualification (crebo): 25515 The education and training for this qualification is offered as of 01-08-2016.</p>																					

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.

<p>Average duration of the education/ training leading to the certificate</p>	<p>3 years (4800 study hours) (depending on previous education)</p>
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Entry requirements

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 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.

7. ADDITIONAL INFORMATION

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.