



1. TITLE OF THE CERTIFICATE (NL)

Diploma Beroepsonderwijs
Kwalificatie: Scheepswerktuigkundige alle schepen
Kwalificatiedossier: Koopvaardij officier alle schepen
In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Certificate Senior Secondary Vocational Education
Qualification: Engineer all ships
Qualification file: Merchant navy officer all ships
This translation has no legal status

3. PROFILE OF SKILLS AND COMPETENCES

The most important duties of an Engineer all ships are:

Core task 1: Controlling the operations of the ship and care for persons on board

- 1.1 Is responsible for the safety and compliance with environmental and legal requirements
- 1.2 Is responsible for the seaworthiness of the boat

Core task 2: Marine engineering

- 2.1 Uses tools and apparatus in the machine room
- 2.2 Keeps the machine room watch
- 2.3 Operates main and assistant work vessels

Core task 3: Electrical, electronic and control engineering

- 3.1 Operates and maintains electrical and electronic systems on board

Core task 4: Maintenance and repair

- 4.1 Coordinates and carries out maintenance on the technical workings

Core task 5: Safety

- 5.1 Identifies and deals with calamities and accidents on board
- 5.2 Manages and is in charge of life-saving vessels during launching and afterwards
- 5.3 Provides medical assistance in case of accidents and medical care for the sick
- 5.4 Organises fire-fighting operations on board

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

The Engineer all ships works in an international professional environment. He sails on ships that sail both in short sea and worldwide, for instance in general cargo or bulk transportation, container transport, refrigerated transport, tanker traffic, sea towage, heavy cargo, and the ferry and passenger sector.

5. OFFICIAL BASIS OF THE CERTIFICATE

*** 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>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 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 level 4 - EQF level 4 - ISCED 3A</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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5	fail																				
4	unsatisfactory																				
3	very unsatisfactory																				
2	poor																				
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<p>Access to next level of education/professions Having completed this course of studies, transfer is possible to higher professional education. The Engineer all ships starts as an officer with authority and after a certain sailing time and if proven competent, can attain the final position of captain and/or chief engineer for all ships. This entails managing other ship's officers and the other crew members.</p>	<p>International agreements The profession of Engineer all ships is regulated in the Netherlands 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): 91932 The education and training for this qualification is offered as of August 1, 2009.</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>4 year(s) (6400 study hours) (depending on previous education)</p>
<p>Entry requirements 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 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 www.kwalificatiesmbo.nl, only in Dutch.</p> <p>Additional information, including a description of the Dutch national qualifications system, is available at the Netherlands National Reference Point (NRP) for VET: www.nlnrp.nl</p> <p>SBB has been appointed by the Ministry of Education, Culture and Science as NRP.</p>
