



1. TITLE OF THE CERTIFICATE (NL)

Diploma Beroepsonderwijs
Kwalificatie: Scheepswerktuigkundige alle vissersschepen
Kwalificatiedossier: Visserij officier

In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Certificate Senior Secondary Vocational Education
Qualification: Engineer all fishing vessels restricted operation area
Qualification file: Fishing officer

This translation has no legal status

3. PROFILE OF SKILLS AND COMPETENCES

The most important duties of an Engineer all fishing vessels restricted operation area are:

Core task 1: OL technical A-III/1 (carries out the technical tasks at operational level A-III/1 on fishing vessels)

- 1.1 Marine engineering at the operational level
- 1.2 Electrical, electronic and control engineering at the operational level
- 1.3 Maintenance and repair at the operational level
- 1.4 Controlling the operation of the ship and care for persons on board at the operational level A-III/1

Core task 2: ML technical A-III/2 (Carries out the technical tasks at management level A-III/2 on fishing vessels)

- 2.1 Marine engineering at the management level
- 2.2 Electrical, electronic and control engineering at the management level
- 2.3 Maintenance and repair at the management level
- 2.4 Controlling the operation of the ship and care for persons on board at the management level A-III/2

Core task 3: Carries out safety tasks (on fishing vessels)

- 3.1 Prepares to handle during calamities and accidents
- 3.2 Manages and is in charge of life-saving vessels
- 3.3 Provides limited first aid in case of accidents and medical care during illness on board
- 3.4 Organises fire-fighting operations on board

Core task 4: Catches and processes fish

- 4.1 Houdt vismaterialen, -hulpmiddelen en -installaties operationeel
- 4.2 Bedient en houdt de koel- en vriesinstallatie operationeel

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

The Engineer all fishing vessels W4 (from now on indicated as Mechanical engineer) is primarily employed in the trawler fishing. The mechanical engineer has to deal with more complex technical maintenance objects. It also means that the crew composition is larger and there is a more differentiated division of responsibilities on the fishing vessel than on smaller fishing vessels. The mechanical engineer is part of a team of ship officer and is responsible for a good functioning of the technical company. The diploma Mechanical sea fishery W4 is coupled with a certification for seafarer, granted by the Minister of Infrastructure and Environment. This certification makes

* 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

the following positions possible: mechanical sea fishery for all fishing vessels in unlimited sailing areas, just like the positions belonging to lower degrees or less strict navigation time requirements.

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 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 Based on a completely obtained specialization of Engineer all fishing vessels restricted operation area, vertical access is possible to related higher vocational education programmes for shipping. In addition, horizontal access is possible to adjacent sectors in shipping. The Engineer all fishing vessels restricted operation area W4 can, if competence has been proven, move on within the trawler sector, to main engineer. The Engineer all fishing vessels restricted operation area W4 can also make a move to other maritime sectors such as the shipping industry, civil engineering and inland navigation. There are also possibilities with organizations such as the Royal Navy, Department of waterways and Public Works and the State Police waterways. If he makes a move to a position onshore, there are possibilities with companies in the fish processing, supplying companies to fish processing, supplying companies to sea fishery and sea industry.</p>	<p>International agreements The profession of Engineer all fishing vessels restricted operation area 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): 95739 The education and training for this qualification is offered as of August 1, 2012.</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>4 years (6400 study hours) (depending on previous education)</p>
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Entry requirements

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

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 www.kwalificaties.s-bb.nl, 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: www.nlgrp.nl

SBB has been appointed by the Ministry of Education, Culture and Science as NRP.