



1. TITLE OF THE CERTIFICATE (NL)

Diploma Beroepsonderwijs
Kwalificatie: Werktuigkundige alle vissersschepen W4
Kwalificatiedossier: Visserij officieren

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 officers

This translation has no legal status

3. PROFILE OF SKILLS AND COMPETENCES

Core task 1: Carries out operational tasks on an 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 on a 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 Is prepared to deal with emergencies and accidents (Basic Safety Fisheries)

3.2 Provides first aid on board (Medical First Aid)

3.3 Steers and is in charge of rescue vessels (Survival Craft & Rescue boats other than fast rescue boats)

3.4 Organises fire-fighting operations on board (Advanced Fire Fighting)

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

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 on management level A-III/2 on trawlers

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

Core task 6: Carries out fishing tasks on trawlers

6.1 Carries out technical fishing tasks with the pelagic fishing method

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

An Engineer all fishing vessels restricted operation area (Engineer AVRO) generally works in trawler fishing. This involves large and complex (production) ships where multiple fishing, storing and processing methods are being used. Here, fish are processed into frozen products. On trawlers, there is a large crew and a differentiated demarcation.

The Engineer AVRO is part of a team of ship's officers and carries the responsibilities of maintenance and operation of the on board technology.

* 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

Due to national legislation, the Engineer all fishing vessels restricted operation area (Engineer AVRO) must be in possession of a certificate of competency in accordance with the Seafarers Act I (certificates of competency are issued for the combination length/propulsion of fishing vessels with sea areas). This also complies with the international requirements of the International Convention on Standards of Training, Certification and Watchkeeping for Fishing Vessel Personnel, 1995, STCW(F). The Engineer AVRO must also be able to pass a maritime medical examination.

The diploma of Engineer AVRO includes a navigation licence, granted by the Dutch Ministry of Infrastructure and the Environment, as an engineer of fishery for any fishing vessel in an unrestricted sailing area.

5. OFFICIAL BASIS OF THE CERTIFICATE

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|--|---|----|-----------|---|-----------|---|------|---|-------------------|---|------|---|------|---|----------------|---|---------------------|---|------|---|-----------|
| <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-niveau 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 |
| 10 | excellent | | | | | | | | | | | | | | | | | | | | |
| 9 | very good | | | | | | | | | | | | | | | | | | | | |
| 8 | good | | | | | | | | | | | | | | | | | | | | |
| 7 | very satisfactory | | | | | | | | | | | | | | | | | | | | |
| 6 | pass | | | | | | | | | | | | | | | | | | | | |
| 5 | fail | | | | | | | | | | | | | | | | | | | | |
| 4 | unsatisfactory | | | | | | | | | | | | | | | | | | | | |
| 3 | very unsatisfactory | | | | | | | | | | | | | | | | | | | | |
| 2 | poor | | | | | | | | | | | | | | | | | | | | |
| 1 | very poor | | | | | | | | | | | | | | | | | | | | |
| <p>Access to next level of education/professions An Engineer all fishing vessels restricted operation area can develop vertically through higher professional education.</p> | <p>International agreements In the Netherlands, Engineer all fishing vessels restricted operation area 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): 25639 The education and training for this qualification is offered as of 01-01-2020.</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.

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| <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

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.

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.