



1. TITLE OF THE CERTIFICATE (NL)

Diploma Beroepsonderwijs
Kwalificatie: Technicus avionica
Kwalificatiedossier: Vliegtuigonderhoud

In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Certificate Senior Secondary Vocational Education
Qualification: Avionics technician
Qualification file: Aircraft maintenance

This translation has no legal status

3. PROFILE OF SKILLS AND COMPETENCES

Core task 1: Carries out maintenance and/or repairs and/or modifications on aircrafts, aircraft systems and/or components

- 1.1 Does preparatory work for maintenance and/or repairs and/or modifications
- 1.2 Carries out disassembly and assembly work
- 1.3 Carries out repairs and/or modifications
- 1.4 Carries out inspections and tests
- 1.5 Completes maintenance and/or repairs and/or modifications

Core task 2: Performs inspections in/on aircrafts, avionic and electrical aircraft systems and/or components and performs repairs

- 2.1 Prepares inspections in/on aircrafts, avionic and electrical aircraft systems and/or components
- 2.2 Performs inspections and resolves malfunctions in/on aircrafts, avionic and electrical aircraft systems and/or components
- 2.3 Reports on findings, work duties and exceptional details
- 2.4 Completes inspections in/on aircrafts, avionic and electrical aircraft systems and/or components

Core task 3: Analyses and resolves complex malfunctions in/on aircrafts, avionic and electrical aircraft systems and/or components

- 3.1 Prepares analyses on malfunctions in/on aircrafts, avionic and electrical aircraft systems and/or components
- 3.2 Localises and analyses malfunctions and their causes in/on aircrafts, avionic and electrical aircraft systems and/or components
- 3.3 Reports on findings on malfunctions in/on aircrafts, avionic and electrical aircraft systems and/or components
- 3.4 Repairs or replaces avionic and electrical aircraft systems and/or components
- 3.5 Carries out measurements in/on (and tests) aircrafts, avionic and electrical aircraft systems and/or components
- 3.6 Reports on work duties and exceptional details in/on aircrafts, avionic and electrical aircraft systems and/or components
- 3.7 Completes analysis and resolving malfunctions in/on aircrafts, avionic and electrical aircraft systems and/or components

Core task 4: Provides supervision

- 4.1 Conducts work meetings
- 4.2 Supervises colleagues in the implementation of their work duties
- 4.3 Checks results of the performed work duties

*** 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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3. PROFILE OF SKILLS AND COMPETENCES

4.4 Administers work data and completes the work duties

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

The Avionics technician is primarily employed with so-called EASA Part 145 companies, part M sub part F, where maintenance on aircrafts is involved. This includes aircraft companies, defense and Maintenance Repair Overhaul organisations (MRO) for aircrafts, aircraft systems and/or components.
The Avionics technician carries out line maintenance and major maintenance. His work is focused on avionic and electrical systems of the aircraft.

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 The Avionic technician can be transferred to the position of technician Part-66 Cat. B1 as well Part-66 Cat B2, technician specialist, Part-66 Cat C or manager, based on experience and/or further training. The Avionic technician can enrol for technical courses at Higher Vocational Education (HBO) such as Logistics, Research and Engineering.</p> | <p>International agreements Avionics technician 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>Legal basis Act on Vocational Education and Training (WEB), registered number of qualification (crebo): 25323 The education and training for this qualification is offered as of 01-08-2015.</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 (bbi).

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.