



1. TITLE OF THE CERTIFICATE (NL)

Diploma Beroepsonderwijs
Kwalificatie: Technicus avionica luchtvaartuigen
Kwalificatiedossier: Luchtvaarttechniek

In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Certificate Senior Secondary Vocational Education
Qualification: Avionics aircraft technician
Qualification file: Aviation technology

This translation has no legal status

3. PROFILE OF SKILLS AND COMPETENCES

Core task 1: Carries out construction, service or repair work on aircrafts and aircraft components

- 1.1 Gathers information for the implementation of construction, service or repair work
- 1.2 Draws up a timetable and gathers equipment necessary for construction, service or repair work
- 1.3 Carries out a simple repair, modification or service on aircrafts or aircraft components
- 1.4 Checks the implementation of his own work
- 1.5 Completes construction, service or repair work

Core task 2: Inspects and maintains avionics and/or electrical systems and/or components of an aircraft

- 2.1 Prepares for the inspection and/or maintenance
- 2.2 Performs the inspection
- 2.3 Performs maintenance
- 2.4 Completes the inspection and/or maintenance
- 2.5 Reports on the inspection and/or maintenance

Core task 3: Analyses and resolves malfunctions in/on avionics and/or electrical systems and/or components of an aircraft

- 3.1 Prepares for analysing malfunctions
- 3.2 Analyses malfunctions
- 3.3 Resolves a malfunction
- 3.4 Performs measurements and tests
- 3.5 Completes analysis and repair of malfunctions
- 3.6 Reports on malfunctions

Core task 4: Provides operational guidance for performing a maintenance task

- 4.1 Conducts work meetings
- 4.2 Guides colleagues
- 4.3 Evaluates collaboration with colleagues

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

The Avionics aircraft technician works at an aviation technology company or at a company related to aviation technology. These may be companies active in and/or for military or civil aviation. The Avionics aircraft technician can work at companies that manufacture aircraft or aircraft parts for the civil or military aviation industry or companies such as airlines, defense and organisations in the field of Maintenance, Repair and Overhaul (MRO).

*** 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

These are mainly so-called EASA Part 145 companies, part M sub part F. The Avionics aircraft technician works at an aviation related organisation, specialising in the inspection and maintenance of (mainly complex) avionic and electrical aircraft systems and/or components. Because of a combination of the terms aviation and electronics, this relates specifically to applied electronics in aviation. All technical work undertaken by an Avionics aircraft technician relates directly to Part 66/145 Aircraft Maintenance Licence (AML).

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-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
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<p>Access to next level of education/professions Based on experience and further training, the Avionics aircraft technician can advance to the position of: - Technician Part-66 Cat. B1 or Part-66 Cat. B2 - Technical specialist - Part-66 Cat. C - Manager / Team lead. The Avionics aircraft technician has access to technical study courses in higher professional education such as logistics, research and engineering.</p>	<p>International agreements Avionics aircraft 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): 25942 The education and training for this qualification is offered as of 01-08-2024.</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

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.