



1. TITLE OF THE CERTIFICATE (NL)

**Diploma Beroepsonderwijs**  
**Kwalificatie: Orthopedisch technisch specialist**  
**Kwalificatiedossier: Orthopedische techniek**

In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

**Certificate Senior Secondary Vocational Education**  
**Qualification: Orthopaedic technical specialist**  
**Qualification file: Orthopaedic technology**

This translation has no legal status

3. PROFILE OF SKILLS AND COMPETENCES

Core task 1: Prepares the production process

- 1.1 Interprets and administers the work order
- 1.2 Carries out preparatory work for the production of orthopaedic aids
- 1.3 Delivers the production model

Core task 2: Employs manufacturing techniques for orthopaedic aids

- 2.1 Vacuum shaping
- 2.2 Lamination
- 2.3 Metalworking
- 2.4 Carries out bandaging work
- 2.5 Uses specialist and innovative materials and manufacturing techniques

Core task 3: Builds and finishes orthopaedic aids

- 3.1 Builds orthopaedic aids
- 3.2 Aligns orthopaedic aids
- 3.3 Finishes orthopaedic aids

Core task 4: Carries out maintenance on (used) orthopaedic aids

- 4.1 Checks (used) orthopaedic aids for function and safety
- 4.2 Repairs broken and worn parts
- 4.3 Carries out adjustments and refits

Core task 5: Coordinates and supports the production and measuring process for orthopaedic aids

- 5.1 Improves products, supports production processes and advises on technical solutions
- 5.2 Assists the orthopaedic technologist in the fitting room
- 5.3 Formulates orders for orthopaedic production
- 5.4 Carries out quality control

Core task 6: Supervises colleagues/projects

- 6.1 Plans and distributes the work
- 6.2 Supervises employees in their work
- 6.3 Exchanges information with employees (in work discussions)
- 6.4 Monitors progress of work
- 6.5 Communicates with third parties

**\* 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

6.6 Administrates and archives data

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

The Orthopaedic technical specialist mainly works in orthopaedic technical companies. These companies specialise in measuring, manufacturing, fitting, altering, adjusting and supplying body-related orthopaedic aids and orthoses and prostheses. The Orthopaedic technical specialist specialises in the manufacture, adjustment and repair of orthopaedic aids in the production department of the orthopaedic technical company. Companies often have different departments for the production of (parts of) prostheses and orthoses. The Orthopaedic technical specialist has a central role in communication between measurement and production.

### 5. OFFICIAL BASIS OF THE CERTIFICATE

<p><b>Name and status of the body awarding the certificate</b> 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><b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b> Ministry of Education, Culture and Science</p>																				
<p><b>Level of the certificate (national or international)</b> 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><b>Grading scale / Pass requirements</b></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><b>Access to next level of education/professions</b> The Orthopaedic technical specialist can advance across the board within the company. The Orthopaedic technical specialist can specialise in his/her work by following courses. After obtaining the diploma, he/she can also follow the higher professional education study programme Orthopaedic technology and advance to the position of Orthopaedic technologist. The Orthopaedic technologist can specialise in orthopaedic footwear.</p>	<p><b>International agreements</b> Orthopaedic technical specialist 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><b>Legal basis</b> Act on Vocational Education and Training (WEB), registered number of qualification (crebo): 25862 The education and training for this qualification is offered as of 01-08-2023.</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><b>Average duration of the education/ training leading to the certificate</b></p>	<p><b>4 years (6400 study hours) (depending on previous education)</b></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](http://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](http://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.