



1. TITLE OF THE CERTIFICATE (NL)

Diploma Beroepsonderwijs
Kwalificatie: Orthopedisch Technicus
Kwalificatiedossier: Orthopedische Techniek

In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Certificate Senior Secondary Vocational Education
Qualification: Orthopaedic technician
Qualification file: Orthopaedic technology

This translation has no legal status

3. PROFILE OF SKILLS AND COMPETENCES

Core task 1: Manufactures orthoses and adapts (semi-) ready-made items

- 1.1 Performs preparatory work regarding the construction of orthotics or adjusting semi-ready-made items
- 1.2 Fabricates elements for the orthosis
- 1.3 Constructs the orthosis
- 1.4 Makes orthoses ready for fitting
- 1.5 Adjusts and finishes off orthoses
- 1.6 Adjusts and adapts (semi-) ready-made items

Core task 2: Manufactures prostheses

- 2.1 Performs preparatory work with respect to prosthesis
- 2.2 Constructs the prosthetic sleeve
- 2.3 Constructs and aligns the prosthetic sleeve
- 2.4 Makes prostheses ready for fitting
- 2.5 Adjusts and finishes off prostheses

Core task 3: Professional development and contribution to improvement processes

- 3.1 Follows innovative developments
- 3.2 Develops his own competencies

Core task 4: Prepares and directs production of the orthopaedic provision

- 4.1 Evaluates treatment request and existing provisions
- 4.2 Monitors supplied data
- 4.3 Takes measurements
- 4.4 Fabricates and adapts a drawing or a model (digital or gypsum)
- 4.5 Drafts commissions for the workplace
- 4.6 Supervises the manufacture of the health technical provision

Core task 5: Adapts and delivers the technical healthcare provision

- 5.1 Fits the technical healthcare provision
- 5.2 Delivers the technical healthcare provision
- 5.3 Executes adjustments to the health technical provision

*** 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

An Orthopaedic technician generally works in orthopaedic-technical companies. These companies focus on (custom-)manufacturing, measuring, adjusting, revising and delivering body-restricted orthopaedic provisions (i.e. orthoses and prosthetics). Especially in larger companies there are often various departments for manufacturing prosthetics and/or orthoses. Some orthopaedic technical companies are solely aimed at manufacturing orthoses. The Orthopaedic technician is a professional when it comes to measuring, manufacturing, fitting and delivering the provision and directing its production. This can involve either a first provision for a client or a succeeding provision.

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 An Orthopaedic technician can develop horizontally within the company he works at. Furthermore he can develop to a coordinating or management position. He can specialise through further training. After graduation for a higher professional degree in Orthopaedic technology, he can develop to become an orthopaedic technologist. The Orthopaedic technician can specialise in orthopaedic shoe technology.</p>	<p>International agreements Orthopaedic 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): 25074 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 (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.