

1. TITLE OF THE CERTIFICATE (NL)

Diploma Beroepsonderwijs
Kwalificatie: Tandtechnicus Kroon- en Brugwerk
Kwalificatiedossier: Tandtechniek

In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Certificate Senior Secondary Vocational Education
Qualification: Dental technician crowns and bridges
Qualification file: Dental technology

This translation has no legal status

3. PROFILE OF SKILLS AND COMPETENCES

Core task 1: Carries out basic dental working duties to reproduce the situation in the patient's mouth

- 1.1 Makes dental working models
- 1.2 Makes individual impression moulds
- 1.3 Makes registration plates and assembles registration equipment
- 1.4 Mount working models in the articulator
- 1.5 Inspects and registers basic technical dental equipment

Core task 2: Produces the complete anatomic monolithic crown

- 2.1 Prepares for the manufacture of a complete anatomical monolithic crown
- 2.2 Designs the complete anatomical monolithic crown
- 2.3 Finalises the complete anatomical monolithic crown
- 2.4 Inspects and registers the complete anatomical monolithic crown

Core task 3: Produces partial tooth prostheses

- 3.1 Prepares the manufacture of partial tooth prostheses
- 3.2 Makes a test set-up
- 3.3 Converts the partial prosthetic denture from wax to metal
- 3.4 Sets up and shapes the partial prosthetic denture elements and converts them into synthetic material
- 3.5 Inspects and registers partial prostheses
- 3.6 Repairs tooth prostheses

Core task 4: Carries out crown and bridge work

- 4.1 Prepares the manufacture of crown and bridge work
- 4.2 Produces full, diagnostic or reduced crown and bridge work
- 4.3 Moulds full, diagnostic or reduced crown and bridge work
- 4.4 Converts modeling into permanent definitive restorative material
- 4.5 Places tooth-coloured crown and bridge material
- 4.6 Grinds, bakes and/or polishes the shape and surface
- 4.7 Inspects and registers crown and bridge work
- 4.8 Makes individual abutment

*** 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

The Dental technician crowns and bridges works in a dental laboratory. Dental laboratories are usually independent established companies, but they could also be connected to a dental practise or a dental prosthetic practise. A laboratory always works on commission. Their clients are dentists, jaw surgeons or orthodontists for instance.

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 The Dental technician crowns and bridges can develop both horizontally and vertically by following complementary courses and workshops. He could expand in the direction of dental prosthetic work through the course Dental technician prostheses. Furthermore, the Dental technician crowns and bridges can be promoted to a position such as manager after having worked for a few years on the pay role. He can also be transferred to the training Clinical restauration.</p>	<p>International agreements Dental technician crowns and bridges 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): 25065 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.

<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.