

1. TITLE OF THE CERTIFICATE (NL)
<b>Diploma Beroepsonderwijs</b> <b>Kwalificatie: Biotechnicus</b> <b>Kwalificatiedossier: Gespecialiseerde proefdierversorgung</b> In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)
<b>Certificate Senior Secondary Vocational Education</b> <b>Qualification: Bio-technician</b> <b>Qualification file: Specialized animal experimentation technology</b> This translation has no legal status

3. PROFILE OF SKILLS AND COMPETENCES
Core task 1: Conducts complex operations on test animals 1.1 Prepares for complex test animal activities. 1.2 Performs complex test animal activities. 1.3 Carries out animal testing 1.4 Plans and allocates tasks 1.5 Drafts breeding plans

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE
The Bio-technician is employed in a company or institution licenced pursuant to the Testing on Animals Act (Wod), where animal testing is carried out and where test animals are accommodated and/or bred. This can be an animal laboratory attached to a university or hospital, a commercial institution but also a supplier of test animals.

5. OFFICIAL BASIS OF THE CERTIFICATE	
<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.	<b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b> Ministry of Education, Culture and Science
<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 4A	<b>Grading scale / Pass requirements</b> 10 excellent 9 very good 8 good 7 very satisfactory 6 pass 5 fail 4 unsatisfactory 3 very unsatisfactory 2 poor 1 very poor
<b>Access to next level of education/professions</b>	<b>International agreements</b>

**\* 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/>  
 © European Communities 2002

#### 5. OFFICIAL BASIS OF THE CERTIFICATE

Many Bio-technicians eventually specialise in conducting specific biotechnical operations such as specialist breeding or specialist anaesthetics (large) animals. It is also possible for the Bio-technician to specialise in the role of trainer or by transferring to a higher level (management), unit or team leader or higher professional position such as zoological (analyst). After obtaining the diploma Bio-technician, transfer is also possible to a study course in higher professional education. For example Test Animal Management at the study course Animal Management at Van Hall-Larenstein, or the specialisation Biomedical Life Science (Zoology) at the University of Applied Sciences in Utrecht, Rotterdam or Leiden.

Bio-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.

#### Legal basis

Act on Vocational Education and Training (WEB), registered number of qualification (crebo): 25914  
The education and training for this qualification is offered as of 01-08-2023.

#### 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.

**Average duration of the education/ training leading to the certificate**

**1 year (1600 study hours) (depending on previous education)**

#### Entry requirements

The certificate senior secondary vocational education (mbo) on qualification level 3, in a related discipline.

#### 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.