



1. TITLE OF THE CERTIFICATE (NL)

**Diploma Beroepsonderwijs
Kwalificatie: Procesoperator B**

In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

**Certificate Senior Secondary Vocational Education
Qualification: Operator B**

This translation has no legal status

3. PROFILE OF SKILLS AND COMPETENCES

The most important duties of an Operator B are:

- independently monitoring and regulating production processes often using automated systems, based on a thorough understanding of the various variables that influence the process status;
- (ordering) the taking and assessment of samples and carrying out studies;
- implementation of process calculations;
- reporting orally and in writing about the status of the process;
- carrying out simple maintenance; identifying and correcting commonly-occurring disruptions;
- assisting in complex maintenance and conversion activities.

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

The professional field process technology encompasses operative and middle management professions in the process industry. In the process industry, products are manufactured according to processes, i.e. step-by-step and often with automatically-operating equipment. Examples of the process industry are the (petro) chemical industry, paper and paper products industry, rubber and plastic processing industry, energy generation companies and pharmaceutical industry. The Operator B independently monitors and regulates automated production processes. The Operator B is specifically expert in the field of chemical/physical processes. The Operator B generally works from a central control room, from where the process is monitored. An Operator B can occupy various positions in an organisation, for example panel operator or chief operator.

5. OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the body awarding the certificate	Name and status of the national/regional authority providing accreditation/recognition of 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.	Ministry of Education, Culture and Science												
Level of the certificate (national or international)	Grading scale / Pass requirements												
Qualification level 3 of the Dutch VET qualification structure Characteristics: implementation of more than just the own block of tasks. The professional is able to account for his or her actions towards colleagues, and monitors and supervises the work of others. The range of tasks	<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> </table>	10	excellent	9	very good	8	good	7	very satisfactory	6	pass	5	fail
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* 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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5. OFFICIAL BASIS OF THE CERTIFICATE		
also includes drafting work preparation procedures. NLQF level 3 - EQF level 3 - ISCED 3C	4	unsatisfactory
	3	very unsatisfactory
	2	poor
	1	very poor
Access to next level of education/professions With a diploma at qualification level 3, transfer is possible to a course at qualification level 4.	International agreements The profession of Operator B is not regulated in the Netherlands. However the education and training for this profession on qualification level 3 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): 10421		

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.	
Average duration of the education/ training leading to the certificate	3 year(s) (4800 study hours) (depending on previous education)
Entry requirements The certificate preparatory vocational secondary education (vmbo) advanced vocational programme, combined programme, or theoretical programme, or a comparable level.	

7. ADDITIONAL INFORMATION
Additional information, including a description of the Dutch national qualifications system, is available at the Netherlands National Reference Point (NRP) for VET: www.nlnrp.nl SBB has been appointed by the Ministry of Education, Culture and Science as NRP.