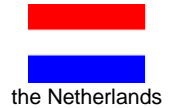


# CERTIFICATE SUPPLEMENT (\*)



## 1. TITLE OF THE CERTIFICATE (NL)

**Diploma Beroepsonderwijs**  
**Kwalificatie: Monteur**  
**Kwalificatiedossier: Elektrotechnische industriële producten en systemen**  
 In the original language

## 2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

**Certificate Senior Secondary Vocational Education**  
**Qualification: Mechanic**  
**Qualification file: Gas turbines**  
 This translation has no legal status

## 3. PROFILE OF SKILLS AND COMPETENCES

The most important duties of a Mechanic are:

Core task 1: Performs maintenance and inspection work on gas turbines and/or connected systems

- 1.1 Prepares maintenance and inspection work
- 1.2 Checks and registers
- 1.3 Disassembles parts of a gas turbine and/or connected systems
- 1.4 Performs overhaul and/or modification work
- 1.5 Assembles parts of a gas turbine and/or connected systems
- 1.6 Rounds off work

Core task 2: Repairs failures in gas turbines and/or connected systems

- 2.1 Prepares fault-clearing
- 2.2 Repairs parts of a gas turbine and/or connected systems
- 2.3 Assists with tests and trial runs of gas turbines and/or connected systems
- 2.4 Rounds off fault-clearing work

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

The Mechanic gas turbines works in both small and big companies that maintain, overhaul and repair aircraft engines. The companies usually concentrate on the aircraft, industrial and/or energy sector and shipping industry. Industrial gas turbines are heavy non-aviation-related gas turbines and aviation-related gas turbines. The maintenance of both types is carried out on site. The overhaul of aviation-related gas turbines takes place in a specialized workshop because of specially needed facilities. Work on industrial gas turbines is usually carried out within the company and occasionally on site.

## 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**

### \* 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 - Version 2010

5. OFFICIAL BASIS 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
<b>Level of the certificate (national or international)</b> Qualification level 2 of the Dutch VET qualification structure Characteristics: intended as an initial qualification, which everyone should at least obtain. The participant develops skills in order to be able to carry out practical tasks and is responsible for his or her own block of tasks. NLQF level 2 - EQF level 2 - ISCED 3C	<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> Within the work field of gas turbines the following career and training possibilities are the most obvious: the Mechanic can broaden his expertise to become Mechanic aircraft maintenance or move up to First mechanic.	<b>International agreements</b>
<b>Legal basis</b> Adult and Vocational Education Act (WEB), registered number of qualification (crebo): 92280 The education and training for this qualification is offered as of August 1, 2008.	

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.	
<b>Average duration of the education/ training leading to the certificate</b>	<b>2 years (3200 study hours) (depending on previous education)</b>
<b>Entry requirements</b> The certificate preparatory vocational secondary education (vmbo) basic vocational 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, that is composed by the Centre of Expertise. The complete qualification file can be found at <a href="http://kwalificaties.s-bb.nl/">http://kwalificaties.s-bb.nl/</a> , only in Dutch.  Additional information, including a description of the Dutch national qualifications system, is available at the Netherlands National Reference Point (NRP): <a href="http://www.s-bb.nl">www.s-bb.nl</a> . 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.