



## 1. TITLE OF THE CERTIFICATE (NL)

**Diploma Beroepsonderwijs**  
**Kwalificatie: Eerste dieselmotortechnicus**  
**Kwalificatiedossier: Eerste dieselmotortechnicus**

In the original language

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

**Certificate Senior Secondary Vocational Education**  
**Qualification: Skilled diesel engine mechanic**  
**Qualification file: Skilled diesel engine mechanic**

This translation has no legal status

## 3. PROFILE OF SKILLS AND COMPETENCES

The most important duties of a Skilled diesel engine mechanic are:

Core task 1: Repairs malfunctions in combustion engines

- 1.1 Prepares malfunction assignment on combustion engine
- 1.2 Makes diagnosis of combustion engine
- 1.3 Rectifies malfunction of combustion engine
- 1.4 Inspects their malfunction rectification and rounds of the assignment
- 1.5 Supports and instructs trainees and colleagues during malfunction rectification working duties
- 1.6 Provides technical explanation to client about malfunction rectification

Core task 2: Overhauls combustion engines

- 2.1 Prepares overhaul assignment on combustion engine
- 2.2 Carries out overhaul on combustion engine
- 2.3 Builds up combustion engine
- 2.4 Inspects their overhaul working duties and rounds of the assignment
- 2.5 Supports and instructs trainees and colleagues during overhaul working duties
- 2.6 Provides technical explanation to client about overhaul working duties

Core task 3: Inspects combustion engines

- 3.1 Prepares inspection assignment on combustion engine
- 3.2 Carries out inspection on combustion engine
- 3.3 Disassembles and cleans parts of combustion engine
- 3.4 Makes an analysis and writes a report
- 3.5 Inspects their inspection working duties and rounds of the assignment
- 3.6 Supports and instructs trainees and colleagues during inspection working duties
- 3.7 Provides technical explanation to client and/or third parties about inspection duties carried out

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

The Skilled diesel engine mechanic is qualified to work as a technician in a mechanical repair centre or a diesel engine company from the mobility sector. The mobility sector consists of companies that sell, rent, repair combustion engines and parts, maintain and repair passenger and company cars, caravans, trailers, scooters,

**\* 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

bicycles, motor cycles, and mopeds.

#### 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 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 also includes drafting work preparation procedures. NLQF level 3 - EQF level 3 - 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> There is no continuous learning line for Skilled diesel engine mechanic within the intermediate vocational education, but at level 4 it is possible to enter, for instance, a programme for Workshop management. There are career opportunities within sector position structures. From the qualification structure, the Skilled diesel engine mechanic can rise to positions such as (senior) service engineer, (damages) inspector and managerial positions such as team leader, workplace manager and service manager within the repairs and diesel engine sector.	<b>International agreements</b> The profession of Skilled diesel engine mechanic 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.
<b>Legal basis</b> Act on Vocational Education and Training (WEB), registered number of qualification (crebo): 90900 The education and training for this qualification is offered as of August 1, 2009.	

#### 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>4 year(s) (6400 study hours) (depending on previous education)</b>
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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 in section 3 and 4 is drawn directly from the qualification file, that is composed by the Centre of Expertise. The complete qualification file is available at [www.kwalificatiesmbo.nl](http://www.kwalificatiesmbo.nl), only in Dutch.

#### 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.nlntp.nl](http://www.nlntp.nl)

SBB has been appointed by the Ministry of Education, Culture and Science as NRP.