

CERTIFICATE SUPPLEMENT (*)

1. TITLE OF THE CERTIFICATE (NL)

Diploma Beroepsonderwijs
Kwalificatie: Eerste monteur laagspanningsdistributie
Kwalificatiedossier: Infratechniek
In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Certificate Senior Secondary Vocational Education
Qualification: Skilled mechanic low voltage distribution
Qualification file: Infrastructure technology
This translation has no legal status

3. PROFILE OF SKILLS AND COMPETENCES

The most important duties of a Skilled mechanic low voltage distribution are:

Core task 1: Install, assemble and prepare distribution network for use

- 1.1 Prepares for working duties and organises work location
- 1.2 Digs trenches and wells
- 1.3 Lays and assembles distribution networks
- 1.4 Makes constructed and mounted distribution network ready to use
- 1.5 Finishes and does administrative work for construction and assembly work

Core task 2: Installs and works on low voltage distribution grids

- 2.1 Does preparatory work on low-voltage distribution grids
- 2.2 Makes low-voltage distribution grids non-operational
- 2.3 Does assembly work in low-voltage distribution grids
- 2.4 Checks and tests assembly work
- 2.5 Administers and finishes off working duties

Core task 3: Prevents malfunctions and maintains low voltage distribution grids

- 3.1 Does preparatory work for maintenance and malfunction activities on low-voltage distribution grids
- 3.2 Locates and analyses malfunctions in low-voltage distribution grids
- 3.3 Makes low-voltage distribution grids non-operational
- 3.4 Maintains, replaces and repairs components in low-voltage distribution grids
- 3.5 Makes serviced/repaired low-voltage distribution grids ready for use
- 3.6 Administers and finishes off working duties

Core task 4: Organises work to be carried out

- 4.1 Divides up working duties and gives instructions
- 4.2 Supervises the work to be carried out

* 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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3. PROFILE OF SKILLS AND COMPETENCES

4.3 Monitors progress of the work to be carried out

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

A Skilled mechanic low voltage distribution works in the energy distribution sector. Usually he works for contracting, installation or grid companies.

He carries out various tasks on low voltage distribution grid, such as installing low voltage grids, assembling low voltage components connected to the grid and consumer connections for clients and maintenance on low voltage grids and components connected to a grid.

5. OFFICIAL BASIS OF THE CERTIFICATE

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.

Name and status of the national/regional authority providing accreditation/recognition of the certificate

Ministry of Education, Culture and Science

Level of the certificate (national or international)

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

Grading scale / Pass requirements

| | |
|----|---------------------|
| 10 | excellent |
| 9 | very good |
| 8 | good |
| 7 | very satisfactory |
| 6 | pass |
| 5 | fail |
| 4 | unsatisfactory |
| 3 | very unsatisfactory |
| 2 | poor |
| 1 | very poor |

Access to next level of education/professions

A Skilled mechanic low voltage distribution can expand his professionalism to become a Skilled mechanic gas, water and heating distribution, Skilled mechanic medium voltage distribution and Skilled mechanic data distribution. He can also develop to become an Technician electro-technology, building site supervisor or planner.

International agreements

The profession of Skilled mechanic low voltage distribution 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): 25269
The education and training for this qualification is offered as of August 1, 2015.

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 years (4800 study hours) (depending on previous education)

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

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 <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. 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.