

# CERTIFICATE SUPPLEMENT (\*)

## 1. TITLE OF THE CERTIFICATE (NL)

**Diploma Beroepsonderwijs**  
**Kwalificatie: Eerste monteur dakbedekking**  
**Kwalificatiedossier: Werktuigkundige installaties (montage)**  
In the original language

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

**Certificate Senior Secondary Vocational Education**  
**Qualification: Skilled mechanic roofing**  
**Qualification file: Mechanical installations (assembly)**  
This translation has no legal status

## 3. PROFILE OF SKILLS AND COMPETENCES

The most important duties of a Skilled mechanic roofing are:

Core task 1: Installs mechanical installations

- 1.1 Prepare mechanical installation work
- 1.2 Disassembles and cleans or replaces mechanical components and pipelines
- 1.3 Assembles mechanical components in piping systems of mechanical installations
- 1.4 Constructs piping systems for the mechanical installation
- 1.5 Monitors the operation of the mechanical installation
- 1.6 Round off roof and house front work

Core task 2: Supervises and carries out installation working duties on roofing, sanitary installations and water drainage

- 2.1 Does preparatory work for the construction of mechanical installations by determining the position of components and the route of pipes
- 2.2 Set components for mechanical installation
- 2.3 Adjusts a mechanical installation
- 2.4 Supervises and coaches mechanics and monitors the planning

Core task 3: Installation of drainage systems and bituminous and/or synthetic and/or metal roofing and drainage systems

- 3.1 Determine repair plan
- 3.2 Prepare roof and house front work
- 3.3 Repair roof construction
- 3.4 Install bituminous and/or synthetic and/or metal roofing systems
- 3.5 Make gutters and rain water drainage
- 3.6 Install gutters and rain water drainage
- 3.7 B Supervises roof and façade work and communicates with customers and subcontractors

### \* 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

3.8 Round off roof and house front work

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

The Skilled mechanic roofing works in the sector technology for a company that installs mechanical and sanitary installations and roofing, maintains, repairs and alters. The companies could be both small and large and could be active either in the region, at national level or internationally. This includes sanitary installations and installations for roofing, firefighting and drainage systems.

The Skilled mechanic roofing carries out his duties primarily on roofs on the outside of homes, flats and utility buildings.

### 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

The Skilled mechanic roofing can be transferred to level 4 file Managing and craftsmanship. It is also possible to be transferred to a secondary installation technology at level 4 which is provided as a private course.

#### International agreements

The profession of Skilled mechanic roofing 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): 25347  
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](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.