

Certificate Supplement



Description of the vocational education and training programme for
Blasting techniques: execution of blasts

Title of certificate in Danish

Uddannelsesbevis for **Sprængteknik - udførelse af sprængninger**

Translated title of the certificate

Blasting techniques: execution of blasts

Profile of skills and competences

A person having completed the blasting techniques programme is able to

1. make calculations relating to blasts;
2. select appropriate blasting methods on the basis of his or her knowledge of the properties and characteristics of explosives and detonating agents;
3. organise and execute blasts in accordance with applicable safety rules and regulations;
4. select appropriate equipment for blasting assignments, including vibration measurement equipment;
5. issue instructions to a blasting team and manage blasting assignments independently in compliance with applicable safety criteria;
6. work with and store explosives in a safe and secure manner.

At the end of the training programme, a two-hour examination is held to ensure that programme participants have acquired knowledge about legislation, safety rules and regulations, blasting methods and calculations relating to underwater blasting and to evaluate this knowledge.

Range of occupations accessible to the holder of the certificate

Trained blasters typically work for building and construction companies and in mining and quarrying enterprises in which explosives are used, for example for the blasting of

- Foundation piles.
 - Concrete slabs and other concrete structures: partial or complete blasting, small-scale blasting, etc.
 - Rocks: bench blasting, trench blasting, contour blasting, etc.
 - Stones, tree stumps, wood, iron/steel, ice, earth, etc.
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Blasting techniques: execution of blasts

Duration and mode of education and training

The total duration of the education programme is 10 days

The education programme has taken place at a VET-institution which according to the resolutions of the legislation is approved by the Ministry of Education to offer and implement the education programme.

Level of certificate

The training programme is a full vocational education and training programme, equivalent to level 3 in the Isced system (Isced 1997).

Access to the next level of education/training

The education and training described in this certificate gives access to continuing and further vocational education and training in Denmark.

Name and status of the body awarding the certificate

The certificate of the education programme is issued by the VET-institution according to the regulations on the education programme laid down by law.

In pursuance of an order issued by the Danish Ministry of Education, the awarding authority is authorised to issue a certificate concerning this education and training program.

Grading scale

A "passed" scale is used on the certificate issued by the institution of training and education

Additional information

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Explanatory note

The purpose of this document is to explain the contents of the certificate. Wherever possible the various sections of the descriptions are based on the recommendations given in 2241/2004/EC of the European Parliament and Council of 15 December 2004 on a single Community framework for the transparency of qualifications and competences (Europass).
