

1. Title of the certificate <sup>(1)</sup>**Automatiseringsfaget**<sup>(1)</sup> In the original language2. Translated title of the certificate <sup>(1)</sup>**Automation**<sup>(1)</sup> If applicable. This translation has no legal status.

## 3. Profile of skills and competences

The skilled automation worker is able to operate, maintain and monitor automated control systems to control, adjusting and regulate production processes and electro-mechanical systems. The automation technician works with functionality, security and optimising systems related to land-based industry, shipping and offshore activities. Work includes troubleshooting, error rectification, repairs, maintenance and functions testing. The automation technician is able to plan, carry out, assess and document work on automation systems in accordance with current rules, safety regulations and routines for work on the system in question. This work includes understanding systems and applying skills in measuring, adjusting and control techniques. The automation technician is able to use digital measuring tools, collect system signals and evaluate whether the signals are within tolerances and specifications. He or she has also shown competence in signal transmission and what might affect these. In this work, the automatician is able to see the relationship between technology systems, processing plants, machines and systems, and communicate recommendations for solutions to users and colleagues. The automation technician is able to combine technical solutions with correct environmental use of resources in accordance with requirements for environment, health and safety work. The automation technician is able to carry out work in accordance with current rules for Environment, Health and Safety

4. Range of occupations accessible to the holder of the certificate <sup>(1)</sup>

Trade certificate as a skilled automation technician

<sup>(1)</sup> If applicable**(\*) 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 available at: <http://europass.cedefop.eu.int>  
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### 5. Official basis of the certificate

<b>Name and status of the body awarding the certificate</b> Trade certificate issued by the county administration	<b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b> The Royal Norwegian Ministry of Education and Research
<b>Level of the certificate (national or international)</b> EU classification level 4 in the European qualification framework Correspond with upper secondary level, ISCED 3	<b>Grading scale / Pass requirements</b> Passed with distinction, Passed, Failed
<b>Access to next level of education/training</b> The training/education together with further instruction in common core subjects qualify the candidate for admission to higher education	<b>International agreements</b> Directive 2005/36/EC on the recognition of professional qualifications which entered into force on 20 October 2007
<b>Legal basis</b> Act of 17 July 1998 no 61 relating to Primary and Secondary Education (The Education Act), Regulation of 23 June 2006 no 724 relating to the Education Act. Regulation of 25 June 1999 no 708 relating to the Principles, Core Curriculum and Quality Framework of Primary and Secondary Education and Training	

### 6. Officially recognised ways of acquiring the certificate

Description of vocational education and training received	Percentage of total programme (%)	Duration (hours/ weeks/months/years)
School-based	67%	3 years
Workplace-based	33%	1,5 years
Accredited prior learning		
<b>Total duration of the education/ training leading to the certificate</b>		
<b>Entry requirements</b> Completed Primary school		
<b>Additional information</b> The training period consists of four years, and can take place as two years at school followed by two years of company based training, or one year at school followed by three years of company based training, or all four years in a company combined with school based training. Two years of the training consists of a total of 644 hours in Common core subjects, 1879 hours in Common programme subjects and 421 hours vocational specialization. Adult students with documented five years of work and a passed theoretical exam relevant to the subject, are qualified for a craft certificate examination according to §3-5 in the Education Act. Adult students are exempted from the requirement of common core subjects.		
<b>More information (including a description of the national qualifications system) available at:</b> <a href="http://www.europass.no/fagbeskrivelser">http://www.europass.no/fagbeskrivelser</a>		
<b>National reference point</b>		