

## 1. TITLE OF THE CERTIFICATE

Vidareutbildning i form av ett fjärde tekniskt år, profil produktionsteknik

## 2. TRANSLATED TITLE OF THE CERTIFICATE

Continuing education in the form of a fourth technical year, profile production technology

This translation has no legal status.

## 3. PROFILE OF SKILLS AND COMPETENCES

### The holder of this document has

- ability to work as an upper secondary engineer with automation and production, and process techniques, respectively, both at the system and at the component level.
- knowledge of improvement work at different levels of an organisation.
- skills in project, project management and technical documentation of the work.
- knowledge of technical development and the role of technology in interaction between humankind and nature.
- knowledge of how the development of products and services can be done in a sustainable manner.
- knowledge of entrepreneurship, business and different ways to protect innovations.
- knowledge about the labour market to establish oneself in it, and for continuous professional development within the chosen area of technology.
- ability to present and communicate technology and technical solutions, also in English.
- knowledge of how identity and norms are constructed, maintained and changed.
- ability to plan, carry out and assess the work process.

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

Professions within production technology:

- production and automation or
- process technology

The holder's vocation/area of expertise is stated in the certificate

**(\*) 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.europa.eu>

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### 5. OFFICIAL BASIS OF THE CERTIFICATE

<b>Name and status of the body awarding the certificate</b> The certificate is issued by the Headmaster of the school where the pupil completed their education.	<b>Name and legal status of the national/regional authority providing accreditation/recognition of the certificate</b> This education is regulated by the Swedish Parliament, the Swedish government and the Swedish National Agency for Education.
<b>Level of the certificate (national or international)</b> Upper secondary engineer, ISCED 4. National Qualification Framework (SeQF) 5. European Qualification Framework (EQF) 5.	<b>Grading scale / Pass requirements</b> A, B, C, D, E and F  The highest grade is A, and the lowest grade is E. Non-passing grade is marked as F. The degree project is graded with grade E or F.
<b>Access to next level of education or training within the field</b> This education can lead to continued studies at a higher vocational education college. This education can lead to continued studies at a university or university college.	<b>International agreements</b> Agreement between Denmark, Finland, Iceland, Norway and Sweden about Nordic educational agreement at the upper secondary educational level (SÖ 2008:8).
<b>Legal basis</b>  The Education Act (2010:800), ordinances (2014:854) on continuing education in the form of a fourth technical year and national contributions for such an education, ordinance (SKOLFS 2015:10) on the diploma goals for continuing education in the form of a fourth technical year.	

### 6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

A pupil can obtain an upper secondary engineering qualification via studies within continuing education in the form of a fourth technical year in upper secondary school. It required upper secondary certificate from the Technology Programme or equivalent skills for access to continuing education in the form of a fourth technical year in upper secondary schools.

A degree/diploma is awarded upon education that takes place in a school. The length of the education is normally one year. The education includes an internship learning experience at a workplace for at least 10 weeks.

**Additional information**

More information on vocational education is available at [www.skolverket.se](http://www.skolverket.se)