



1. Title of the certificate – Yrkeshögskoleexamen ¹

Certifierad produktionstekniker

2. Translated title of the certificate – Higher Vocational Education Diploma ²

Certified production technician

3. Knowledge, Skills and Competence Profile

The holder of the certificate has:

Knowledge of specialised production engineering tasks.

Knowledge of customer-order-driven production, production economics, calculation models, the Work Environment Act, work environment practices, and the improvement of ergonomics.

Knowledge of work processes and quality criteria within time studies, including advantages, disadvantages, frequency studies, preparation, and balancing of production processes.

Knowledge of the work method Sequence-Based Activity and Method Analysis (SAM).

Knowledge of quality criteria for the work method Plan, Do, Study, Act (PDSA/PDCA) and its design.

Knowledge of set-up time reduction (SMED), 5S, value stream analysis, visual management, FMEA, and error proofing.

Skills in planning, performing, and identifying resources to carry out specialised tasks within time studies.

Skills in conducting SAM analyses according to the MTM Association's regulations.

Skills in using Avix for preparation and balancing of production processes.

Skills in performing frequency studies.

Skills in solving complex problems within production engineering, as well as creating work instructions that meet the requirements for standardised work.

Skills in performing error proofing.

Skills in communicating commitments and solutions regarding production engineering issues.

Competence to independently perform, analyse, and evaluate SAM analyses according to the MTM Association's regulations.

Competence to develop and streamline production processes.

Competence to lead project sections to ensure that change orders are implemented in a systematic and quality-assured manner.

Competence to review work instructions, preparations, and balancing to ensure they meet the requirements for standardised work.

Competence to follow projects within production engineering work so that set goals can be achieved with consideration for work environment and ergonomics.

4. Range of occupations accessible to the holder of the certificate ³

Process Technician, Production Preparer, Production Planner, Production Engineer and Production Technical Support

¹ In the original language. | ² If applicable. This translation has no legal status. | ³ If applicable.

5. Official basis of the certificate

Name and address of the awarding institution

Lernia Utbildning AB
Box 787
801 29 Gävle

Authority providing accreditation / recognition of the certificate

The Swedish National Agency for Higher Vocational Education
Box 145
721 05 Västerås, Sweden
www.myh.se

Level of the certificate (national or European) ¹

Level 5 in the National Qualifications Framework (SeQF)
Level 5 in the European Qualifications Framework (EQF)

Grading scale / Pass requirements

Fail (icke godkänt – IG)
Pass (Godkänt – G)
Pass with distinction (Väl godkänt – VG)

Access to next level of education / training ¹

International agreements on recognition of qualifications ¹

The Higher Vocational Certificate requires a minimum of a Pass (Godkänt) in all courses.

Legal basis

A Higher Vocational Education Certificate is awarded if the study programme comprises a minimum of 200 Higher Vocational Education credits (HVE credits). Five HVE credits correspond to one week of full-time studies.

6. Officially recognised ways of acquiring the certificate

Description of vocational education and training	Percentage of total programme (%)	Duration (/weeks)
College/education centre	80,5 %	37 weeks
Placement – learning in a work environment	19,5 %	9 weeks
Total duration of the education / training leading to the certificate		46 weeks

7. Additional information

Entry requirements ¹

Entry requirement is successful completion of upper secondary education.

More information (including a description of the national qualifications system)

For more information on higher vocational education, please visit the website of the Swedish National Agency for Higher Vocational Education: www.myh.se

National Europass Centre

[National Europass Centres | Europass](#)

¹ If applicable.