

## 1. CERTIFICATE TITLE

**Kvalificerad Yrkeshögskoleexamen**

**Service tekniker**

## 2. TRANSLATION OF CERTIFICATE TITLE

**Advanced Higher Vocational Education Diploma in**

**Service Technician**

This translation has no legal status

## 3. SKILLS AND KNOWLEDGE PROFILE

### The holder of this document has

- Knowledge of construction, design and work methods at energy production facilities such as wind-, hydro-, solar- and bioenergy.
- Knowledge of service and maintenance work at facilities producing and distributing electricity.
- Knowledge of installation, adjustment and maintenance work in environmentally neutral energy facilities.
- Knowledge of measures to prevent commonly occurring faults at energy production facilities.
- Knowledge of planning, troubleshooting, monitoring and measures to prevent errors and shortages in mechanical, hydraulic and electrical systems, in addition to debiting for time worked during assignment.
- Knowledge of planning and administration, in addition to servicing environmentally neutral energy systems.
- Knowledge of choice of service and maintenance methods with economic, environmental and sustainable consideration.
- Knowledge of interpreting the schedule and drawings for mechanical, hydraulic and electronic systems in electricity production and distribution facilities.
- Skills in communicating with other industry professions, and managing customer contact and conflict situations to create satisfied customers.
- Skills in working in a safe, business-like and sustainable manner.
- Skills in following manuals in English and Swedish, and documenting completed work in both languages.
- Skills in planning and working with monitoring, troubleshooting, repairing errors and shortages, in addition to documenting and following up on activities.
- Skills in using IT-based systems for monitoring, diagnostics and business systems used by electricity producers on the electrical grid.
- Skills in working in one or more service and order system(s)
- Skills in programming and developing PLC systems.
- Competence to operate structured, long-term and cost-effective service work in energy production facilities.
- Competence to manage comprehensive planning, supervision and practical reparations.
- Competence to inspect work conducted by colleague or external party.

## 4. PROFESSIONS AVAILABLE FOR THE HOLDER OF THE CERTIFICATE

Service technician in energy production or distribution facilities, Service technician for wind power systems, biogas facilities, hydropower facilities, Service technician within the production industry, Service and maintenance technician for renewable energy systems.

## 5. OFFICIAL STATUS OF THE CERTIFICATE

<b>Name and address of the awarding institution</b>	<b>Name and address of the public authority issuing awarding entitlement to education providers</b>
	The Swedish National Agency for Higher Vocational Education Box 145, 721 05 Västerås Sweden <a href="http://www.myh.se">www.myh.se</a>
<b>Diploma level (national or international designation)</b>	<b>Grading scale</b>
SEQF/EQF:	Fail (Icke godkänt - IG) Pass (Godkänt - G) Pass with Distinction (Väl godkänt - VG)

## 6. OFFICIALLY RECOGNISED MANNER OF OBTAINING THE DIPLOMA

Description of vocational education and training received	Per cent of whole programme (%)	Length (weeks)
• College/education centre		weeks
• Placement – Learning in a work environment		weeks
Total teaching/study duration resulting in diploma		<b>weeks</b>
<b>Further information</b>		
The Higher Vocational Education Diploma requires a minimum of a Pass (Godkänt) in all courses. Five HVE credits correspond to one week of full-time studies.		
A Higher Vocational Education Diploma is awarded if the study programme comprises a minimum of 200 Higher Vocational Education credits (HVE credits).		
An Advanced Higher Vocational Education Diploma is awarded if the study programme comprises a minimum of 400 HVE credits, at least one quarter of programme time is spent on student placement, and the student has completed an independent project.		
Entry requirement is successful completion of upper secondary education.		
For more information on higher vocational education, please visit the website of the Swedish National Agency for Higher Vocational Education: <a href="http://www.myh.se">www.myh.se</a>		

### (\*) Explanatory notes

This document is intended to provide additional information about the specified diploma and has no legal status in itself. It is based on Council Resolution 93/C No. 49/01 of 3 December 1992 on the transparency and clarity of qualifications, Council Resolution 96/C 224/04 of 15 July 1996 on the transparency and clarity of vocational education certificates, and the European Parliament and Council Recommendation 2001/613/EC of 10 July 2001 on mobility within the Union of students, persons undergoing vocational training, volunteers, teachers and educators.

© European Communities, 2002