

1. EXAMENSBEVISETS BENÄMNING

Kvalificerad Yrkeshögskoleexamen

Elkraftskonstruktör

SUN-kod: 522c

Teknik och tillverkning - Teknik och teknisk industri - Energi- och elektroteknik - Elektrisk installation och elmekanik

2. TRANSLATION OF DIPLOMA TITLE

Advanced Diploma in Higher Vocational Education

Electrical Power Engineer

SUN code: 522c

Engineering and manufacturing - Engineering and technology industry - Energy and electrical engineering - Electrical installation and electromechanics

This translation has no legal status

3. SKILLS AND KNOWLEDGE PROFILE

The holder of this document has

- Knowledge of electrical engineering systems such as control functions, primary equipment (transformers, rotating machines and switchgears) and control equipment (protective relay and remote control).
- Knowledge of electrical installations for power and lighting.
- Knowledge of regulatory framework, including legislative texts and standards for power installations.
- Knowledge of safety, the environment, function and the service and maintenance of electrical power systems.
- Proficiency in obtaining information on new and existing systems in the field of electrical power.
- Proficiency in integrating older technical installations with newer technology.
- Proficiency in working in and managing projects.
- Proficiency in gathering information, collaborating and communicating with engineers and non-engineers alike.
- Proficiency in identifying and formulating problems and providing an account of the solutions in Swedish and English, either verbally or in writing.
- Proficiency in the use of industry-specific software for computer-aided documentation.
- The capacity to design and plan electrical power installations and electrical drive systems.
- The capacity to plan and carry out the operation and maintenance of electrical power facilities.
- The capacity to plan and manage electrical installation work.

4. PROFESSIONS AVAILABLE FOR HOLDERS OF THE DIPLOMA

Inspection engineer - electrical power, Electrical designer, Electrical engineer - construction, etc., Designer - electrical power, Product producer - electrical power, Development engineer - electrical power