

1. Name of the Certificate ¹

Field of study 2683 H 12 electrical mechanic – automation technology

2. Translated title of the Certificate ²

Učebný odbor 2683 H 12 elektromechanik - automatizačná technika (sk)

3. Profile of skills and competences

The holder of the certificate is able to:

- to act independently in social and professional life,
- to express themselves in the official language and one foreign language in written and spoken form,
- to apply the basic principles of financial literacy, consumer protection and to understand business,
- to use information and communication technologies to solve practical tasks,
- to work in diverse groups, to cooperate in a team, to organise their work,
- to act environmentally with regard to a sustainable development strategy,
- to apply the principles of occupational health and safety and environmental protection,
- to read technical drawings, diagrams, work tutorials, to understand technical documentation, standards, regulations and to keep operational-technical documentation,
- to work in accordance with approved procedures, to comply with technical rules and work discipline, technical and technological standards, including hygiene-related and safety and preventative measures, to secure workplace in terms of occupational safety,
- to select and prepare necessary tools, instruments, machines and equipment necessary for construction, testing, refurbishing and repair of regulation circuits, controls and other components of automation and regulation technology and systems,
- to perform basic electrical installation and assembly in bringing into operation, set-up of operational parameters of electrical engineering and electronic equipment, including construction, assembly and repairs of equipment of automated production,
- to describe function, construction and the principles of operation of electric machines and instruments, systems and automation and measuring equipment, systems of regulation equipment and perform analysis of the characteristics of regulated systems and regulators, to construct regulation, control, automation and management circuits,
- to diagnose the operability and functionality of systems using metering techniques,
- to perform operation and regular maintenance of machines and equipment, control, identify and subsequently eliminate faults of equipment and installations,
- to measure electrical engineering quantities and basic characteristics of electrical engineering circuits and their components, evaluate measured values and use acquired data during repairs,
- to perform the basic methods of manual and machine processing of materials.

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

Graduates master modern regulation technology of production processes, are able to perform installations of automated production lines, diagnose faults of equipment, install regulation systems of smart buildings and process systems that require computing technology. Graduates find work in the field of electrical engineering and electronics

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

The Certificate Supplement provides additional information about the certificate and does not have any legal status in itself. Its format is based on the Decision (EU) 2018/646 of the European Parliament and of the Council of 18 April 2018 on a common framework for the provision of better services for skills and qualifications (Europass) and repealing Decision No 2241/2004/EC.

For the purposes of a document issued in Slovakia, a certificate encompasses any document as specified in the Decree of the Ministry of Education of the Slovak Republic No. 326/2008 Coll. on the Types and Pertinent Details of Certificates and other Educational Forms, including Methods for their Recording and Archiving.

in assembly, repairs and reconstructions of electric equipment and in operation, maintenance and repairs of automation equipment and related regulation systems.

Examples of potential job titles include electro technician of automated production, electrical mechanic, assembler (operator) of electrical engineering and electronic equipment, mechanic and repairer of electrical engineering and electronic equipment, mechanic and repairer of measuring and regulating equipment, operational electrician.

5. Official basis of the certificate

Body awarding the certificate

Authority providing accreditation / recognition of the certificate

Ministry of Education, Science, Research and Sport of the Slovak Republic
Stromová 1
813 30 Bratislava
Phone: +421 2/59 374 111
www.minedu.sk

Level of the certificate (national or European) ¹

Secondary vocational education
SKEQ/EQF 3
ISCED 353

Grading scale / Pass requirements

1 – excellent
2 – praiseworthy
3 – good
4 – sufficient
5 – insufficient

Access to next level of education / training ¹

Advanced study educational programmes for graduates of the 3-year field of study
SKQF/EQF 4, ISCED 454

International agreements on recognition of qualifications¹

Legal basis

Act No. 245/2008 Coll. on Education and Training (Education Act) and on amendment of certain acts; Act No. 61/2015 Coll. on Vocational Education and Training and on amendment of certain acts; Decree of the Ministry of Education of the Slovak Republic no. 318/2008 Coll. on the completion of studies at secondary schools, as amended.

6. Officially recognised ways of acquiring the certificate

Successful completion of the four-year training program in the given field of study by passing the school leaving examination.

7. Additional information

This Certificate Supplement is valid together with the final examination certificate issued by the relevant secondary school (the name and address of the school is specified on the certificate). More details about the education and training system are available at www.minedu.sk/data/files/7421.jpg, more details as to the organisation of the educational system are available at www.minedu.sk, and the details of educational programs are available at www.siov.sk and at the website of the specified school.

Entry requirements ¹

- completion of 9th year of primary school
- demonstration of required knowledge prerequisites via admission procedure

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

Ministry of Education, Science, Research and Sport of the Slovak Republic, Study and Training Group
<https://www.minedu.sk/18673-sk/studijne-a-ucebne-odbory-sauo/>

National Europass Centre

State Vocational Education Institute
Bellova 54/a,
837 63 Bratislava
europass@siov.sk
www.europass.sk



¹ If applicable