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1. TITLE OF THE PROFESSION

5 0714 04 01 Automatikai technikus (Gyártástechnika)

2. TRANSLATED TITLE OF THE PROFESSION

Automation technician (Production technology) (THIS TRANSLATION HAS NO LEGAL STATUS)

3. PROFILE OF SKILLS AND COMPETENCES

- operate and maintain industrial production equipment;
- perform maintenance tasks based on their knowledge of automation, electrical engineering and hydraulics;
- carry out reference replacements for electrical hydraulic and pneumatic actuators in the event of failure of production equipment;
 replace sensors on the basis of technological documentation, set them according to specification, set parameters for programmable
- replace sensors on the basis of technological documentation, set them according to specification, set parameters for programmable sensors;
 carry out the necessary parameterisation of the drive components of production equipment on the basis of documentation and machine
- carry out the necessary parameterisation of the drive components of production equipment on the basis of documentation and machine manuals, carry out operational tests, and, if necessary, participate in the replacement and adjustment of the electric motors of the equipment;
- commission PLCs (programmable logic controllers) using wiring and control diagrams, and migrate and archive programs;
- know the basic steps for creating a PLC program;
- systematically troubleshoot industrial manufacturing systems by instrumentation and by monitoring and evaluating the characteristics of the control program;
- operate robot cells;
- maintain and repair the flexible assembly system components that connect production equipment and ensure proper material flow.

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

3122 Electronics (light current) engineering technician

(*) Explanatory notes:

¹ In the original language. | ² The translation of the designation is provided for information purposes only. | ³ Fill it out if necessary. The certificate supplement provides additional information on the qualification but have no legal value in itself. The format of the description is in conformity with 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. ©European Union, 2002-2020 | europass.cedefop.europa.eu ©

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Government Decree 319/2020 (VII. 1.) on the amendment of Government Decree 12/2020 (II. 7.) on the Implementation of the Vocational Education and Training Act,

Act LXXX of 2019 on Vocational Education and Training.

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE SUPPLEMENT

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Drive technology	12 hour
Electrical installations	12 hour
Control engineering	12 hour
Process control	12 hour 12 hour
Automated production machines	
Information technology in the industry	12 hour
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Pneumatics	12 hour
Pneumatics and hydraulics in the industry	12 hour
Industrial process management	12 hour
Industrial maintenance	12 hour
Industrial information technology	12 hour
Continuous field practice	160 hour
Altogether	604 hour

Link to the Training and Outcome Requirements and the Programme Plans: https://ikk.hu

The present diploma supplement was elaborated in compliance with Government Decree 12/2020 (II. 7.) on the implementation of the Act on Vocational Education and Training.

Head of Examination Organiser: Issue date: 2023.12.07

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