EUROPASS CERTIFICATE SUPPLEMENT

1. TITLE OF THE PROFESSION

5 0715 19 07 Ipari szerviztechnikus

2. TRANSLATED TITLE OF THE PROFESSION

Industrial service technician

(THIS TRANSLATION HAS NO LEGAL STATUS)

3. PROFILE OF SKILLS AND COMPETENCES

- plan, organise, manage and carry out automated production equipment inspections and periodic maintenance work using modern maintenance philosophies;
- carry out visual inspection and instrumental fault diagnosis in highly automated equipment, electrical, pneumatic, electropneumatic, hydraulic subsystems;
- carry out the replacement of the defective part on the basis of technological documentation, carry out the adjustment of the new part and, if necessary, its parameterisation;
- set up, troubleshoot and repair industrial communication networks;
- commission programmable logic controllers (PLCs), migrate and archive programs using circuit diagrams and control drawings;
- find faults in automatic equipment connected to a PLC by means of instrumentation;
- operate robot cells, having an understanding of the technological processes, and rectify production faults as required;
- manage and parameterise the robot controller program;
- perform simple electrical measurements for troubleshooting and commissioning of low-voltage electrical equipment;
- perform (maintenance) duties requiring knowledge of high-voltage current in a responsible manner.

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

3122 Electronics (light current) engineering technician

(*) Explanatory notes:

5. OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the authority issuing the certificate	Name and status of the national /regional authority providing accreditation/recognition of the certificate
	Ministry for Innovation and Technology

Level of the certificate (national or international)	Grading scale / Pass requirements

NQF level: 5
 	
 EQF level: 5
 	
 Digital Competence Framework level: 7
	Five -grade: 5 excellent
	             4 good
	             3 satisfactory
	             2 pass
	             1 fail
	
	 The prerequisite of being eligible to sit for a sectoral basic examination is the successful completion of all the required training courses, or the recognised prior learning should incorporate the requirements of the sectoral basic examination. The prerequisite of being eligible to sit for a vocational examination is the successful completion of all the training courses and the uninterrupted professional practice required. In case the student is required to pass a sectoral basic examination, latter shall be recognised with the following weighting:
	 The result of the basic sectoral examination will be computed into that of the vocational examination with the following weighting: Sectoral basic examination: 20%, Vocational examination: 80%

	Designation of the theoretical and practical subjects of the sectoral basic examination and the vocational examination and their grades according to a five-grade scale	
Certificate number: CXK A Serial number: 123456 **Certificate issue date: 2023.12.07**	**Sectoral basic examination :** The examination was passed based on recognised prior learning	
	Vocational examination	
	central interactive	
	Industrial servicing knowledge	5
	project exercise	
	Performing troubleshooting, repair and maintenance work on industrial production equipment	5
	Part 1: Presentation of portfolio	5
	Part 2: Working on automated production equipment	5
	Result of the vocational examination in percentage	100%
	Result of the vocational examination with grades	5

Access to next level of education/training	International agreements

Other information concerning the vocational training process

Legal basis
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

Description of the sectoral basic training and the theoretical and practical vocational training	Distribution of the total number of hours of the programme
Total duration of the education/training	2137 hours

Entry requirements:
- Educational prerequisite: elementary school qualification
- Occupational health aptitude test: required

Further information:

VOCATIONAL PRACTICAL SUBJECT	HOURS
Basic electrical knowledge	12 hour
Basic mechanical engineering knowledge	12 hour
Machine parts and their repair	12 hour
Technical measurements	12 hour
Automation and control engineering	12 hour
Pneumatics and hydraulics	12 hour
Electrical engineering	12 hour
Electrical systems	12 hour
Industrial manufacturing systems	12 hour

VOCATIONAL THEORETICAL SUBJECT	HOURS
Vocational knowledge	12 hour
Vocational foreign language knowledge	12 hour
Basic electrical knowledge	12 hour
Basic mechanical engineering knowledge	12 hour
Mechanics	12 hour
Machine parts and their repair	12 hour
Computer-aided design (CAD) knowledge	12 hour
Automation and control engineering	12 hour
Pneumatics and hydraulics	12 hour
Electrical engineering	12 hour

Continuous field practice	160 hour
Altogether	388 hour

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

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

National Reference Point: National Office of Vocational Education and Training and Adult Learning: https://nrk.nive.hu

Head of Examination Organiser:
Issue date: 2023.12.07

SEAL