

1. Title of the certificate (HR) and programme number <sup>(1)</sup>**Zrakoplovni tehničar IRE**

(040914)

<sup>(1)</sup> In the original language.2. Translated title of the certificate (EN) <sup>(2)</sup>**Aircraft technician (instruments and radio electronics)**<sup>(2)</sup> This translation has no legal status.

## 3. Profile of skills and competences

## A) GENERAL EDUCATION COMPETENCES

- Use basic communication knowledge and skills through active use of mother tongue and foreign languages in different situations and use and draft documentation in a foreign language (English)
- Apply basic mathematical knowledge, skills and processes
- Organise and manage space and apply basic physical, chemical and biological knowledge within the framework of sustainable community development
- Use modern information and communication technology actively and critically
- Continuously acquire knowledge and skills in line with technological changes
- Apply ethical principles and respect diversity
- Manage one's own learning and work
- Identify, assess and manage risks and dangers
- Exercise regularly and act responsibly towards one's own and other people's health

## B) VOCATIONAL COMPETENCES

- Maintain and repair of electrical systems, power distribution systems, lighting systems, aircraft instruments, displays and navigation and communication equipment and devices
- Apply the procedures of identifying and eliminating errors and malfunctions
- Maintain, store and conserve primary, secondary and auxiliary power supplies
- Test, mark, properly select and apply technical materials
- Apply global and national legal aircraft regulations
- Use standards and technical literature and professional abbreviations in Croatian and English
- Have knowledge of the fire protection system
- Use work measurements safely

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

The qualification Aircraft Technician (instruments, radio and electrical equipment) it is possible to perform operations in the exploitation and wider maintenance (renewal/overhaul) of the aircraft. The specific aim, tasks and content of the aircraft technician (instruments and radio electronics) training program are set out in the regulations and recommendations of the International Civil Aviation Organization. Maintenance work is carried out on electrical equipment, radio-navigation equipment, radar equipment and aircraft instruments. Maintenance works include pre-, inter- and post-flying inspection, periodic examinations, examinations for the purpose of extending and acquiring airworthiness, examinations of reconstruction and repairs on aircraft and minor modifications. Employment is possible in aircraft-technical centres and in a growing number of new airports from which charter flights run and every charter company has its own team of people working on aircraft maintenance.

## 5. Official basis of the certificate

<b>Name and status of the body awarding the certificate</b> The certificate is issued by the secondary education institution (vocational education and training school).	<b>Name and status of the national authority providing accreditation/recognition of the certificate</b> Ministry of Science, Education and Youth Donje Svetice 38 10000 Zagreb <a href="http://www.mzom.hr">www.mzom.hr</a>
<b>Legal basis</b> Primary and Secondary School Education Act (Official Gazette No. 87/2008, 86/2009, 92/2010, 105/2010-corr., 90/2011, 16/2012, 86/2012, 94/2013, 152/2014, 7/2017, 68/2018, 98/2019, 64/2020, 151/2022 and 156/2023) Vocational Education Act (Official Gazette No. 30/2009, 24/2010, 22/2013, 25/2018 and 69/2022) Croatian Qualifications Framework Act (Official Gazette No. 22/2013, 41/2016, 64/2018, 47/2020 and 20/2021)	<b>National grading system / Pass requirements</b> Excellent 5 (10) A Very good 4 (9) B Good 3 (8) B Sufficient 2 (6-7) C Insufficient 1 (0-5) F  In order to pass the exam, it is necessary to get the grade 2 (6-7), i.e. C (sufficient).
<b>Level of qualifications</b> Level 4.2. in the Croatian Qualifications Framework	<b>Access to next level of education/training</b> Access to higher level of qualification in accordance with the Croatian Qualifications Framework.

## 6. General data of acquiring the certificate

	Percentage of total programme (%)	Total number of hours
General education part	48,1	2201
Vocational part – theoretical	32,3	1478
Vocational part – practice/exercises	19,6	897
<b>Duration of education</b>		4 years

**Entry requirements:** Completion of primary education

**More information available at:**

Ministry of Science, Education and Youth ([www.mzom.hr](http://www.mzom.hr))  
Education and Teacher Training Agency ([www.azoo.hr](http://www.azoo.hr))  
Agency for Vocational Education and Adult Education ([www.asoo.hr](http://www.asoo.hr))

**National reference point:**

National Europass Centre ([www.europass.hr](http://www.europass.hr)) at the  
Agency for Mobility and EU Programmes ([www.ampeu.hr](http://www.ampeu.hr)).

**(\*) Explanatory note**

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.

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