

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

**Tehničar za vozila i vozna sredstva**  
(011224)

(1) In the original language

2. Translated title of the certificate (EN) <sup>(1)</sup>

**Vehicle Technician**

(1) This translation has no legal status.

## 3. Profile of skills and competences

## A) GENERAL EDUCATION COMPETENCES

- Actively use mother tongue and foreign languages by applying language activities and basic communication knowledge and skills in different situations
- 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
- Comprehend geographic processes and fundamental historical knowledge
- Use information and communication technology safely and critically
- Understand basic economic terms and apply entrepreneurial competences
- Apply consistently ethical and civic education principles
- Foster physical and health culture by exercising regularly in accordance with individual possibilities in order to preserve one's own and other people's health

## B) VOCATIONAL COMPETENCES

- Apply technical drawing basics in analysis and preparation of the manufacturing technological process
- Apply computer technical drawing standards
- Apply technical mechanics basics in analysis and preparation of the manufacturing technological process
- Select technological procedures of materials processing in the preparation of the technological documentation
- Apply various components of machines and assemblies in vehicles
- Have knowledge of the characteristics of technical materials in analysis and preparation of the manufacturing technological process
- Design simple diagrams using the elements of pneumatic and hydraulic devices and systems
- Identify different thermodynamic processes and sizes in thermal machines and devices
- Apply electric machines and devices and electronic components in vehicles
- Perform measurements to ensure product and technological processes quality
- Apply knowledge on construction and maintenance of engines and drive units on vehicles
- Organise the implementation of maintenance procedures
- Apply communication technologies and skills for business communication with the market
- Apply consistently regulations and means of work safety, fire protection and environmental protection

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

The qualification vehicle technician enables positions in the production, sale, testing and maintenance of road and rail vehicles, contracting, terminating, organising, monitoring and delivering maintenance and servicing of vehicles. Works as a vehicle technical controller, service mechanic, automotive mechatronic technician, diagnostician, sales consultant, technologist in work preparation, maintenance technologist, quality control technologist. Due to a very dynamic development of auto industry and the use of sophisticated defectoscopic and diagnostic equipment, there is a need for continuous professional development.

## 5. Official basis of the certificate

<p><b>Name and status of the body awarding the certificate</b></p> <p>The certificate is issued by the secondary education institution (vocational education and training school).</p>	<p><b>Name and status of the national authority providing accreditation/recognition of the certificate</b></p> <p>Ministry of Science and Education Donje Svetice 38 10 000 Zagreb <a href="http://www.mzo.hr">www.mzo.hr</a></p>
<p><b>Legal basis</b></p> <p>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 and 64/2020) Vocational Education Act (Official Gazette No. 30/2009, 24/2010, 22/2013 and 25/2018) Croatian Qualifications Framework Act (Official Gazette No. 22/2013, 41/2016, 64/2018, 47/2020 and 20/2021)</p>	<p><b>National grading system / Pass requirements</b></p> <p>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).</p>
<p><b>Level of qualifications</b></p> <p>Level 4.2. in the Croatian Qualifications Framework</p>	<p><b>Access to next level of education/training</b></p> <p>Access to higher level of qualification in accordance with the Croatian Qualifications Framework.</p>

## 6. General data of acquiring the certificate

	Percentage of total programme (%)	Total number of hours
General education part	51 %	2201
Vocational part – theoretical	22,9 %	991
Vocational part – practice/exercises	26,1 %	1128
<b>Duration of education</b>		4 years

**Entry requirements:** The completion of primary education

**More information available at:**

Ministry of Science and Education ([www.mzo.hr](http://www.mzo.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 Europass Centre in Croatia ([www.europass.hr](http://www.europass.hr)) at the Agency for Mobility and EU Programmes ([www.mobilnost.hr](http://www.mobilnost.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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