

## 1. Title of the certificate (HR) and programme number

### **Tehničar za vozila i vozna sredstva**

(011204)

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

### **Vehicle Technician**

<sup>(1)</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
- 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
- Apply consistently professional ethics principles
- Use information and communication technology actively and critically
- Continuously acquire knowledge and skills in line with technological changes
- Understand basic economic terms and apply entrepreneurial competences
- Identify, assess and manage risks and dangers
- Act responsibly towards 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, 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	
<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 and Education Donje Svetice 38 10 000 Zagreb <a href="http://www.mzo.hr">www.mzo.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 and 68/2018) 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 and 64/2018)	<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	50,9 %	2201
Vocational part – theoretical	39,0 %	1685
Vocational part – practice/exercises	10,1 %	434
<b>Duration of education</b>		4 years
<b>Entry requirements:</b> The completion of primary education		
<b>More information available at:</b> Ministry of Science and Education ( <a href="http://www.mzo.hr">www.mzo.hr</a> ) Education and Teacher Training Agency ( <a href="http://www.azoo.hr">www.azoo.hr</a> ) Agency for Vocational Education and Adult Education ( <a href="http://www.asoo.hr">www.asoo.hr</a> )  National Europass Centre in Croatia ( <a href="http://www.europass.hr">www.europass.hr</a> ) at the Agency for Mobility and EU Programmes ( <a href="http://www.mobilnost.hr">www.mobilnost.hr</a> ).		
<b>(*) Explanatory note</b> This document is designed to provide additional information about the specified certificate and does not have any legal status in itself. It provides additional information on the profile of skills and competences acquired by a particular educational programme. The description of skills and competences is based on the following texts: Council Resolution 93/C 49/01 of 3 December 1992 on the transparency of qualifications, Council Resolution 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates, and Recommendation 2001/613/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers. © European Union, 2002-2014   <a href="http://www.europass.cedefop.europa.eu">www.europass.cedefop.europa.eu</a>		
		