

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

**Prehrambeni tehničar**

(090504)

2. Translated title of the certificate (EN)<sup>(1)</sup>**Food 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
- Manage space and apply basic physical, chemical and biological knowledge within the framework of sustainable community development
- Use information and communication technology actively and critically
- Apply ethical principles and respect diversity
- Understand economic systems and apply entrepreneurial competences
- Continuously acquire knowledge and skills in line with technological changes
- Foster physical and health culture and act responsibly towards one's own and other people's health

## B) VOCATIONAL COMPETENCES

- Analyse and plan production resources, availability of funding sources, short and long term planning of production in accordance with market requirements and legislative framework
- Determine the status and priorities, critical points of the production process in food production
- Prepare and control working machines, equipment and tools for the implementation of production processes in food production
- Perform sensory physical, chemical and microbiological laboratory procedures and analysis of raw materials, semi-finished products and finished products
- Apply chemical principles, laws and methods in technology, food control, nutrition and metabolic processes
- Monitor, supervise, control and implement certain technological operations in the food industry
- Perform technological processes and processes in food technology
- Apply laws and quality standards in food production and transport
- Use basic ICT technology in manufacturing processes in the manufacturing and processing of raw materials, semi-finished products and finished products
- Keep records of business activities, material and basic bookkeeping
- Participate in marketing, communication and entrepreneurial activities in business
- Perform assignments in accordance with valid standards in the concerned food technologies
- Implement health protection measures at the workplace and ensure environment protection

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

Works in public institutions (e.g. as a technical associate, teaching associate, laboratory technician), shops (e.g. specialized shops/ department stores for food products), industry and trade in manufacturing, processing, packaging and placement of food products and in the catering industry.

Self-employment is possible by setting up a company.

## 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 and 98/2019) 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 and 47/2020)</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	54,4 %	2 204
Vocational part – theoretical	23,8 %	965
Vocational part – practice/exercises	21.8 %	883
<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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