



## 1. Title of the certificate (LT)<sup>1</sup>

Profesinio mokymo diplomas. Šildymo, vėdinimo, oro kondicionavimo sistemų montuotojo modulinė profesinio mokymo programa (valstybinis kodas P32073220)

<sup>1</sup>in original language

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

Qualified worker's Diploma. Heating, Ventilation, Air Conditioning Systems Installer Modular Vocational Training Programme (state code P32073220)

<sup>1</sup>If applicable. This translation has no legal status.

## 3. Profile of skills and competences

### Competences of qualification:

1. Store heating, ventilation, air conditioning system installation materials, products, equipment.
2. Prepare and arrange the workstation of the heating, ventilation, air conditioning system installer.
3. Read the construction work project.
4. Install water supply, heating-cooling and drainage pipes.
5. Prepare building structures for pipe installation.
6. Install the building's water heating and cooling pipelines and appliances.
7. Install the building's water heating-cooling system equipment.
8. Maintain the building's water heating and cooling pipelines and appliances.
9. Install duct networks.
10. Install ventilation of the building equipment and devices.
11. Install a smoke extraction system.
12. Maintain building ventilation equipment and appliances.
13. Install heat pumps in water systems.
14. Install heat pump systems using F gas and non-halogen refrigeration agents.
15. Monitor heat pump systems.

### Optional Competencies:

1. Install the heating station equipment.
2. Maintain heat sub-station.
3. Connect low-pressure (up to 0.05 MPa) and water heating (up to 110 °C) boilers to the building's heating system.
4. Maintain the building's boiler room equipment.

## 4. Range of occupations accessible to the holder of the certificate<sup>1</sup>

A person who has acquired the qualification of HVAC system installer will be able to work in the companies that provide heating-cooling, ventilation, air-conditioning systems installation or to lead their own business. The HVAC system installer (III level of qualification system) carries out work under the guidance of a higher qualified person. The HVAC system installer adheres to the requirements of safe working, electrical, ergonomic, environmental, sustainability requirements and laws, HVAC system installer installs heating and cooling systems and appliances for the building, installs ducts, installs equipment and appliances for building ventilation systems, installs heat pumps, prepares and tidies up workstations, prepares materials and prepares materials. tools, locksmithing, storing materials, reads the construction drawings and schemes. HVAC system installer's work is usually in households, residential communities, businesses, industrial building.

<sup>1</sup> If applicable

### (\*) Explanatory note

This document is designed to provide additional information about the specified certificate and does not have any legal status in itself. The format of the description 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.



5. Official basis of the certificate		
<b>Name and status of the body awarding the certificate</b> Legal entity with licence to provide formal vocational training programmes	<b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b> Ministry of Education and Science of The Republic of Lithuania	
<b>Level of the certificate (national or international)</b> ISCED 352; LTKS III; EKS 3	<b>Grading scale / Pass requirements</b> 10 grade scale. A Pass Grade -	
<b>Access to next level of education/training</b> Possibility to continue learning at the same level of education programme	<b>International agreements</b>	
<b>Legal basis</b> Law on Education of the Republic of Lithuania Law on Vocational Education and Training of the Republic of Lithuania Resolution No. 535 of 4 May 2010 of the Government of the Republic of Lithuania "On the approval of the description of the National Qualifications Framework		
6. Officially recognised ways of acquiring the certificate		
<b>Aggregate duration of learning required to get the certificate (in weeks):</b> 0 <b>Ratio of theoretical and practical learning (%):</b> / <b>Duration and place of apprenticeship (in weeks):</b> (0)		
<b>Possibility to include passed education:</b> passed education included by evaluating the knowledge		
<b>Description of vocational education and training received</b>	<b>Part of programme (%)</b>	<b>Duration (in weeks)</b>
School-/training centre-based		0
Workplace-based		0
Accredited prior learning		
<b>Total duration of the education/ training leading to the certificate</b>		0
<b>Entry requirements</b>		
<b>Additional information</b> More information (including the description of the national system of qualifications) at: <a href="http://www.aikos.smm.lt">www.aikos.smm.lt</a> , <a href="http://www.europass.lt">www.europass.lt</a> , <a href="http://www.euroguidance.lt">www.euroguidance.lt</a> , <a href="http://www.kpmc.lt">www.kpmc.lt</a>		
<b>The National Reference Points:</b> <a href="http://www.europass.lt">www.europass.lt</a> , <a href="http://www.smpf.lt">www.smpf.lt</a>		