

1. Title of the certificate (LT)<sup>1</sup>**Profesinio mokymo diplomas. Suvirintojo modulinė profesinio mokymo programa (valstybinis kodas P43071501)**<sup>1</sup>in original language2. Translated title of the certificate (EN)<sup>1</sup>

Qualified worker's Diploma. Welder Modular Training programme (state code P43071501)

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



## 3. Profile of skills and competences

### Competences of qualification.

1. Perform work in accordance with the requirements of occupational safety and health.
2. Prepare the welder's workplace, assemble details according to work drawings and welding technology.
3. Make sound fillet welds with manual metal arc welding (MMA).
4. To perform manual metal arc welding of steel products and semi products according to assembly, installation drawings and diagrams.
5. Make sound fillet welds with metal active gas (MAG).
6. To perform metal active gas welding of steel products and semi products according to assembly, installation drawings and diagrams.
7. Make sound fillet welds with tungsten inert gas (TIG).
8. To perform tungsten inert gas welding of steel products and semi products according to assembly, installation drawings and diagrams.
9. Perform metal cutting with oxygen flame (gas).
10. Perform metal cutting with plasma.
11. Perform thermal cutting using metal preparation drawings.
12. Make sound butt welds with manual metal arc welding (MMA).
13. To weld steel products and semi products according to assembly, installation drawings and diagrams with manual metal arc welding
14. Make sound butt welds with metal active gas (MAG).
15. To weld steel products and semi products according to assembly, installation drawings and diagrams with metal active gas welding.
16. Make sound fillet welds with tungsten inert gas (TIG).
17. To weld steel products and semi products according to assembly, installation drawings and diagrams with tungsten inert gas welding.
18. Make sound fillet welds with gas welding.
19. To weld steel products and semi products according to assembly, installation drawings and diagrams with gas welding.
20. Make sound aluminium fillet welds with metal inert gas (MIG).
21. To perform metal inert gas welding of aluminium products and semi products according to assembly, installation drawings and diagrams.
22. Make sound aluminium fillet welds with tungsten inert gas (TIG).
23. To perform tungsten inert gas welding of aluminium products and semi products according to assembly, installation drawings and diagrams.

### Competences of mandatory choice:

1. Make sound butt welds in tubes with manual metal arc welding (MMA).
2. To weld steel tubes according to assembly, installation drawings and diagrams with manual metal arc welding.
3. Make sound butt welds in tubes with metal active gas (MAG)
4. To weld tubes according to assembly, installation drawings and diagrams with metal active gas welding
5. Make sound butt welds in tubes with tungsten inert gas (TIG).
6. To weld steel tubes according to assembly, installation drawings and diagrams with tungsten inert gas welding.
7. Make sound butt welds in tubes with gas welding.
8. To weld steel tubes according to assembly, installation drawings and diagrams with gas welding.
9. Organize welding work and lead a group of employees.
10. Ensure the quality of welding work.

### Competences of free choice:

1. Make sound aluminium butt welds with metal inert gas (MIG).
2. To perform metal inert gas welding of aluminium products and semi products according to assembly, installation drawings and diagrams.
3. Make sound aluminium butt welds with tungsten inert gas (TIG).
4. To perform tungsten inert gas welding of aluminium products and semi products according to assembly, installation drawings and diagrams.
5. Make sound aluminium butt welds in tubes with metal inert gas (MIG).
6. To perform metal inert gas welding of aluminium tubes according to assembly, installation drawings and diagrams.
7. Make sound aluminium butt welds in tubes with tungsten inert gas (TIG).
8. To perform tungsten inert gas welding of aluminium tubes according to assembly, installation drawings and diagrams.
9. Make sound copper fillet welds with metal inert gas (MIG).
10. To perform metal inert gas welding of copper products and semi products according to assembly, installation drawings and diagrams.

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

Qualified persons will be able to work in engineering industry and metal processing plants, perform welding in construction, manufacture and assemble various constructions, engineering networks, and perform welding works in the energy sector. Working conditions: Work inside and outside with substances hazardous to the environment and human health, hand and electric tools. Work at high altitudes, excavations, confined spaces, dust, aerosols, ultraviolet and infrared radiation. Special working clothes are worn while working. The employee must undergo a medical preventive check and have a personal medical book or a medical certificate of compulsory health examination.

<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.

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## 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 454; LTKS IV; EKS 4	<b>Grading scale / Pass requirements</b> 10 grade scale. A Pass Grade -
<b>Access to next level of education/training</b> Possibility to continue studies at the higher 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>		