



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

Profesinio mokymo diplomas. Geležinkelio automatikos ir elektros tiekimo sistemų įrenginių elektromonterio modulinė profesinio mokymo programa (valstybinis kodas P43104104)

<sup>1</sup>in original language

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

Qualified worker's Diploma. Electrician of railway automation and power supply system's equipment modular vocational training programme (state code P43104104)

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

## 3. Profile of skills and competences

### Competences of qualification:

1. Reading schematic diagrams of railway automation systems.
2. Applying schematic diagrams of railway automation systems during equipment maintenance and repair.
3. Applying normative documentation regulating railway automation systems maintenance and repair.
4. Performing maintenance and repair of railway interlocking operation and control equipment.
5. Performing maintenance and repair of hump yard microprocessor-based interlocking equipment.
6. Performing maintenance and repair of microprocessor-based interlocking equipment.
7. Performing maintenance and repair of semi-automatic route locking, automatic route locking and automatic route locking with audio frequencies track circuits equipment.
8. Performing maintenance and repair of automatic locomotive signalling track equipment.
9. Performing maintenance and repair of automatic level crossing signalling and microprocessor-based interlocking level crossing signalling equipment.
10. Applying normative documentation regulating power supply equipment maintenance and repair.
11. Performing maintenance and repair of uninterruptible power supply equipment.
12. Performing repairs on electric machines and devices.
13. Performing maintenance of railway electrification and electric traction systems.
14. Performing repairs on railway contact network.

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

The main subject of activities of the Electrician of railway automation and power supply system's equipment: maintenance of equipment (traffic lights, crossing signalling equipment, transformers, microprocessors, rectifier systems, signalling and communication equipment, traffic safety equipment, fire safety equipment, switch blades) relevant to power supply.

<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 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>		