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Series of the Certificate \_\_\_\_\_\_\_\_\_\_\_\_ No \_\_\_\_\_\_\_\_\_\_\_\_\_

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| **1. Title of the Certificate(1)** |
| ☐ Diploms par profesionālo vidējo izglītību  ☐ Profesionālās kvalifikācijas apliecība  Profesionālā kvalifikācija:  **Lokomotīvju saimniecības tehniķis** |
| (1) in the original language |

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| **2. Translated title of the Certificate(2)** |
| ☐ Diploma of vocational secondary education  ☐ Certificate of professional qualification  Professional qualification:  **Locomotive (engines) engineering technician**\*\***; Locomotive engine driver**\*\*\* |
| (2) If applicable. This translation has no legal status. |

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| **3. Profile of competences** |
| A locomotive engineering technician organises and carries out maintenance and repair work on a traction vehicle and ensures the operation of the traction vehicle, controls the operation of the traction vehicle, assesses the technical condition of the traction vehicle and, as far as possible, rectifies damage to systems, assemblies and equipment, and drives the traction vehicle in accordance with his/her specialisation.  Has acquired the competences required to perform the following professional duties and tasks:  3.1. Organisation of maintenance and repair of a railway traction vehicle:  - apply traction vehicle repair systems;  - apply parking time standards;  - draw up maintenance and repair plans according to the type of the traction vehicle;  - monitor the mileage of the traction vehicle between maintenance and repairs;  - station the traction vehicle at standstill (in reserve).  3.2. Development of technical documentation:  - develop technological maps;  - lay down rules for the maintenance and repair of the traction vehicle;  - develop standards for the use of technological materials for the repair of the traction vehicle;  - use the kinematic, electrical, pneumatic and hydraulic circuits of the traction vehicle;  - develop drawings and sketches.  3.3. Maintenance and repair of a traction vehicle:  3.3.1. prepare the traction vehicle for parking for maintenance and repair;  3.3.2. carry out the following on a traction vehicle:  - maintenance of assemblies and units;  - repair of assemblies and units;  - non-destructive inspection of parts and assemblies;  - maintenance and repair of motion safety devices;  - maintenance and repair of energy equipment and ancillary equipment;  - maintenance and repair of electrical equipment;  - maintenance and repair of crew and running gear;  - maintenance and repair of braking equipment;  - maintenance and repair of pneumatic equipment;  - maintenance and repair of hydraulic equipment;  - maintenance and repair of the fuel system;  - dimensional measurements of assemblies and components;  - technical diagnostics;  3.3.3. inspect the traction vehicle after maintenance and repair.  3.4. Preparing the traction vehicle for work:  - accept the traction vehicle before the journey;  - complete the technical state log on acceptance of the traction vehicle;  - check the braking performance of the traction vehicle and the means of braking;  - check the operation of the traction vehicle's safety devices and radio communications;  - equip the traction vehicle.  3.5. Operation of the traction vehicle:  - review the documents issued and complete the technical documentation;  - make sure that the safety and train communication devices are switched on in the correct mode;  - respect the communication rules;  - operate the train according to the timetable;  - monitor the operation of the safety devices, radio communications, brakes, assemblies and equipment of the traction vehicle while driving the train;  - monitor the condition of the railway infrastructure while driving the train;  - monitor the condition of the crew and running gear of the traction vehicle;  - carry out post-trip maintenance on the traction vehicle;  - organise the operation of the traction vehicle.  3.6. Compliance with labour and environmental protection:  - comply with labour protection requirements;  - comply with electrical safety requirements;  - comply with fire safety requirements;  - provide first aid;  - comply with environmental protection requirements;  - comply with the rules governing employment relations.  Additional competences:  - *<<To be completed by the education institution>>;*  - *...;*  - *...;*  - *...* |

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| **4. Employment opportunities in line with the professional qualification(3)** |
| Work in companies involved in the operation, maintenance and repair of traction vehicles. |
| (3) If possible |

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| **5. Description of the Certificate** | |
| **Name and status of the body issuing the Certificate** | **National authority providing recognition of the Certificate** |
| *<<Full name, address, telephone number, website address; e-mail address of the issuing body.* *Legal status of the issuing body>>* | Ministry of Education and Science of the Republic of Latvia, website: *www.izm.gov.lv* |
| **Level of the Certificate**  **(national or international)** | Grading scale/Grade attesting fulfilment of the requirements |
| State-recognised document, corresponding to the fourth level of the Latvian Qualifications Framework (LQF level 4) and the fourth level of the European Qualifications Framework (EQF level 4). | A mark of at least "average - 5" in the vocational qualification examination (using a 10-point scale). |
| **Access to the next level of education** | **International treaties or agreements** |
| Diploma of vocational secondary education enables further education at LQF level 5/ EQF level 5 or LQF level 6/ EQF level 6. | *<<If applicable.* *To be completed by the education institution in case international treaties or agreements provide for the issue of additional certificates. If not applicable, delete comment>>* |
| **Legal basis** | |
| Vocational Education Law (Section 6) | |

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| **6. Means of obtaining the Certificate** | | | |
| ☐ Formal education:  ☐ Full-time  ☐ Full-time (work-based training)  ☐ Part-time | | ☐ Education acquired outside the formal education system | |
| **Total duration of training\*\*\*\*** (hours/years) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | |
| **A: Description of the vocational training received** | B: Percentage of total (100%) programme | | C: Duration (hours/weeks) |
| Part of the education programme completed in the education institution | *<<Indicate the amount (%) of the education programme completed on the premises of the education institution>>* | | *<<Indicate the amount (in hours or training weeks) of the education programme completed on the premises of the education institution>>* |
| Part of the education programme completed in workplace internship, including work-based training | *<<Indicate the amount (%) of the education programme completed outside the premises of the education institution,*  *i.e. practical training in enterprises, workplace internships, work-based training>>* | | *<<Indicate the amount (in hours or training weeks) of the education programme completed outside the premises of the education institution,*  *i.e. practical training in enterprises, workplace internships, work-based training>>* |
| **\*\*\*\*** Applicable to formal education.  **Further information available at:**  [*www.izm.gov.lv*](http://www.izm.gov.lv)  [*https://registri.visc.gov.lv/profizglitiba/nks\_stand\_saraksts\_mk\_not\_626.shtml*](https://registri.visc.gov.lv/profizglitiba/nks_stand_saraksts_mk_not_626.shtml)  **National Information Centre:**  National Europass Centre in Latvia, [*http://www.europass.lv/*](http://www.europass.lv/) | | | |