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|  | Certificate supplement(\*) | http://upload.wikimedia.org/wikipedia/commons/thumb/8/84/Flag_of_Latvia.svg/125px-Flag_of_Latvia.svg.pngLatvia |

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: **Kuģa elektriķis** |
| (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: **Marine Electrician** |
| (2) If applicable. This translation has no legal status. |

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| **3. Profile of competences** |
| A marine electrician operates the ship's electrical systems and equipment, supervises their operation and carries out maintenance and repair and other repair work under the direction of the ship's engineer or ship's electrical engineer, takes part in the receiving, placing and securing of spare parts and materials, complies with the requirements of labour protection, maritime safety, environmental protection and applicable national and international regulations and good maritime practice.  Has acquired the additional competences of an electrical technician to perform the following professional duties and tasks:  3.1. Operation of shipboard electrical systems and equipment:  - operate electrical systems and equipment in accordance with their operating rules and the ship's procedures;  - monitor the performance of electrical systems and equipment in accordance with the manufacturer's recommendations and technical specifications;  - comply with the safety rules for the operation of electrical systems and equipment;  - recognise and report unsafe electrical systems and equipment and conditions in which persons may be exposed to electric current;   * act in case of damage to electrical systems and equipment according to the ship's procedures.   3.2. Maintenance and repair of the ship's electrical systems and equipment:  - carry out general maintenance and repair work in accordance with the operating rules and technical specification;  - detect malfunctions in electrical systems and equipment in a timely manner, interpret them correctly and take action to prevent further damage to equipment;  - maintain and repair electrical systems and equipment in accordance with their operating rules, the ship's procedures and good maritime practice;  - isolate, disassemble and assemble equipment and appliances in accordance with the manufacturer's instructions and the ship's procedures;  - resume electrical systems and equipment after maintenance and repair;  - carry out electrical installation work on board;  - interpret ship drawings and electrical and electronic diagrams;  - document the operations carried out on electrical systems, including performance measurements, in accordance with the ship's procedures.  3.3. Compliance with the requirements of the laws and regulations governing the maritime sector and the principles of health and safety on board:  - take care of one's personal health on board;  - apply labour protection procedures on board;  - comply with the requirements of international and national laws and regulations governing the maritime sector.  3.4. Compliance with the ship's organisation of work:  - observe the principles of maintenance and watchkeeping of the engine rooms in accordance with accepted practice and the ship's procedures;  - observe the principles of teamwork on board;  - communicate and receive information clearly and unambiguously to carry out one's job;  - use internal communication systems to successfully transmit and receive messages;  - comply with the priority of the work to be carried out and the binding instructions of the ship's officers.    3.5. Use of professional English in the performance of one's duties:  - communicate in clear and understandable English with the crew and other persons involved in a ship's operations in the performance of one's duties;  - use manuals and other engineering publications in English as required for the job.  3.6. Participating in the reception, placement and securing of spare parts and materials:  - receive and place spare parts and materials, including hazardous, risky and noxious materials, in accordance with generally accepted safety practices and rules for operating the equipment;  - secure spare parts and materials in accordance with generally accepted safety practices.   * 1. Compliance with anti-pollution requirements for the marine environment:   - apply procedures to prevent pollution of the marine environment;  - take immediate action in the event of spills or pollution in accordance with the requirements of the MARPOL Convention and national regulatory acts and the ship's procedures.   * 1. Emergency procedures on board:   - take immediate action during a ship alarm in accordance with the nature of the emergency, the ship alarm list and action plans in emergency situations;  - act in the event of a power failure in accordance with the ship's procedures;  - extinguish a fire on board;  - use life-saving equipment;  - provide first aid on board.  Additional competences:   * *<<To be completed by the education institution>>;* * *...;* * *...;* * *...* |

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| **4. Employment opportunities in line with the professional qualification(3)** |
| Work on board Latvian or foreign flag ships in international navigation provided that the professional competence in accordance with the requirements laid down in the legislation on certification of seafarers complies with the requirements of Standards A-III/7 of the 1978 International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW Convention). |
| (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*](http://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://visc.gov.lv/profizglitiba/stand\_saraksts\_mk\_not\_626.shtml*](https://visc.gov.lv/profizglitiba/stand_saraksts_mk_not_626.shtml)  **National Information Centre:**  National Europass Centre in Latvia, [*http://www.europass.lv/*](http://www.europass.lv/) | | | |