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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:  **Sardzes mehāniķis uz kuģiem ar galveno dzinēju jaudu, mazāku par 3000 kW** |
| (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:  **Officer in Charge of an Engineering Watch on Ships with Propulsion Power of Less than 3000 kW\*\*** |
| (2) If applicable. This translation has no legal status. |

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| **3. Profile of competences** |
| An officer in charge of an engineering watch on ships with propulsion power of less than 3000 kW performs watchkeeping duties in engine rooms, monitors the operating parameters of machinery and engineering systems and makes entries in the engine room logbook, plans, organises and carries out the operation, maintenance and repair of the ship's machinery and engineering systems, as well as electrical, electronic and control systems.  Has acquired the competences required to perform the following professional duties and tasks:  3.1. Operation of machinery and engineering systems on board ships with propulsion power of less than 3000 kW:  − maintain a watch in the engine room;  − use professional English to carry out job duties;  − use internal communication systems;  − operate the main power plant and auxiliary machinery;  − operate fuel, lubrication, ballast and other pumping systems.  3.2. Operation of electrical, electronic and control systems on board ships with propulsion power of less than 3000 kW:  − operate generators and electricity distribution systems;  − operate electric motors;  − operate high-voltage systems;  − operate electronic, pneumatic and hydraulic control systems;  − carry out maintenance and repair of electrical and electronic equipment.  3.3. Maintenance and repair of machinery and engineering systems on board ships with propulsion power of less than 3000 kW:  − use materials to make and repair parts on board;  − use hand tools to make and repair parts on board;  − use machine tools to make and repair parts on board;  − use measuring instruments to make and repair parts on board;  − carry out maintenance and repair of machinery and equipment.  3.4. Taking care of environmental protection and the safety of the ship and persons on board ships with propulsion power of less than 3000 kW:  − act in emergency situations on board;  − comply with environmental pollution prevention requirements;  − maintain the seaworthiness of the ship;  − prevent, control and extinguish fire on board;  − use life-saving equipment;  − provide first aid on board;  − monitor compliance with the requirements of laws and regulations;  − apply leadership and teamwork skills;  − promote the safety of personnel and the ship.  3.5. Application of the general knowledge and skills required for the performance of professional duties:  − use the national language;  − use information and communication technology;  − apply the basic principles and techniques of maths and science;  − respect social and civic principles;  − improve professional qualification;  − apply business principles;  − 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 on various types of ships with propulsion power of less than 3000 kW: Work on board Latvian or foreign flag ships in international navigation provided that the professional competence of an officer in charge of an engineering watch in accordance with the requirements laid down in the legislation on certification of seafarers complies with the requirements of Standards A-III/1 of the 1978 International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW Convention). Work on inland waterway ships, recreational ships engaged in commercial activities and fishing ships, provided that the professional competence of the officer in charge of an engineering watch meets the requirements laid down in the regulatory enactments on certification of seafarers. |
| (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://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/) | | | |