

Electro-Technical Rating c.d.

Superior: Electrical Engineers

Deputy:

Job description:

Acting as a member of the engine crew.

Main tasks:

- Is responsible for the operation of the ship's electrical appliances under the Electrical Engineer when on watch duty.
- Carries out brief maintenance and repair tasks that are necessary for the ship's operation.
- Takes part in maintenance, repair, installation, and replacement work on the ship's electrical appliances.
- Ensures that the electrical facilities and equipment are kept clean and tidy.
- C.d. tasks on the deck and engine side when necessary.
- Mooring and unmooring operations.
- Tasks in accordance with the muster list
- Other tasks assigned by the superior

Minimum qualifications:

- Familiarity with the vessel type and electrical equipment. Experience in capacity of engine room rating or apprentice or as a familiarized ETR approved by the Chief Engineer.
- Experience on high voltage diesel electric power plants and machineries, particularly AC cyclo converter drives. Familiarity with the vessel type and machinery required minimum 1 tour of duty onboard operational vessel.
- Proficiency in ice class vessel machinery and ventilation & heating plant design, operational limitations and experience in machinery plant operations
- Proficiency in offshore and arctic telecommunications systems design, operational limitations and experience in system operations
- Proficiency in offshore crane machinery and winch machinery
- Computer literacy and advanced skills in planned maintenance system onboard (Sertica)
- Requirements for personal qualities include good human skills for working as a member of the crew in co-operation with others with minimal conflicts between other people on board.
- Ability to work at sea tolerating isolation, working well with other members of the crew, and tolerating vessel movements without getting seasick easily.
- Before assigning a steady position the details and qualities of a person need to be assessed with the superiors and the office for approval.

Minimum Requirements of Certificates and Training:

The following competence and certification requirements are based on the Finnish law and regulations which apply to Finnish vessels sailing under the Finnish flag and the crews and owners of such vessels.

- Certificate of Competency - Electro-Technical Rating III/7
- Certificate of Competency - Watchkeeping Rating, Deck II/4
- Combined Certificate of Proficiency - VI/1, VI/2.1, VI/6.4

- Personal Survival Training, A-VI/1-1
- Fire Prevention and Fire Fighting, A-VI/1-2
- Elementary First Aid, A-VI/1-3
- Personal Safety and Social Responsibility, A-VI/1-4
- Survival Craft and Rescue Boat, A-VI 2-1
- Security Training for seafarers with designated security duties, A-VI/6-2
- Safety at Electrical Work Training, SFS 6002 Standard
- Safety at Live Working below 1 kV Systems, SFS 6002 Standard

General and Company Manning Standards:

- Passport
- Seafarer's Medical Certificate
- Contract of Employment
- Fluent Finnish (working language of the vessel)
- Familiarization Procedures according to the Vessel Handbook
- HSSEQ Manual