



University of Rijeka
FACULTY OF MARITIME STUDIES

High Voltage – management level

According to the Ordinance on Vocations and Certificates of Competencies for Seafarers (of the Republic of Croatia):

Officers in charge of an engineering watch and electro-technical officers employed on various ships and offshore installations:

(1) Documentary evidence is acquired by a seafarer who completes the prescribed training in accordance with the program of Annex D49B.

(2) The requirements referred to in paragraph 1 of this Article regarding training shall not be fulfilled by persons who have mastered the program during high school education, which covers all the contents of the program referred to in paragraph 1 of this Article.

(3) The documentary evidence has validity without time limit.

This course complies with STCW Regulations III/2 and III/3, Sections A-III/2 and A- III/3 and guidance B-III/2 and B-III/3.

Course duration: 3 working days

Payment:

- credit card or bank transfer
- an invoice issued to a company

Course content:

- HV production and distribution on ships
- Electric propulsion system
- Propulsion frequency converters (Load Commutated Inverter, Cycloconverter, PWM converter)
- Operational and safety requirements for HV systems
- The appointment of qualified staff for repair and maintenance of HV equipment
- HV circuit breakers; HV cables; HV fuses
- Corrective measures to be taken during the high-voltage system failures
- Procedures for insulation, testing and restoring of HV systems and equipment,
- Measuring insulation resistance and polarisation index on HV systems
- Using of HV safety equipment: Insulation gloves, glasses, insulation pad, insulated shoes, portable earthing cables, HV testers, etc.



Course certificate: A course certificate specifying the training details will be issued by the Faculty of Maritime Studies Rijeka to each participant upon successful completion of the course.

The Certificate shall be valid without time limit.

Maritime Training Centre and Life-long Learning

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