

## HIGH VOLTAGE TRAINING



#### **Purpose:**

The e-learning module is designed for theoretical training of engineers in accordance with Chapter III of the STCW Convention in the part concerning operate and maintain power systems in excess of 1,000 volts.

## What is an e-learning module?

E-learning module is the electronic textbook on one or more sections. Theoretical materials can be accompanied by drawings, diagrams, photos, animations and videos. There is a test for assessment of knowledge gained at the end of each section.

#### **Contents:**

- Introduction
- Definitions
- Description of ship high-voltage systems
- Dangers when working with high voltage equipment
- Emergency response
- Risk mitigation procedures when working with high voltage equipment
- The composition of the ship's high-voltage system
- Safe placement of marine high-voltage equipment
- Safety rules when working with high-voltage equipment
- Safety measures when working with ship high-voltage equipment
- Application of protective equipment used in high-voltage installations

## **Target groups**

Engine - Management Engine - Operational

#### Ship types

Generic

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# Regulations

Table A-III/6 STCW Code

Competence: Operate and maintain power systems in excess of 1,000 volts

Table A-III/1 STCW Code

Competence: Operate electrical, electronic and control systems

Table A-III/2 STCW Code

Competence: Manage operation of electrical and electronic control equipment

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