

H853 – HV Safety STCW

US Coast Guard Approved

This course satisfies the HV requirements laid out in the Standards of Training, Certification and Watchkeeping (STCW), Manila Amendments, and is approved by the United States Coast Guard.

Learning objectives:

Upon completion of this course, the trainees will be able to manage a high voltage installation, trouble shoot and restore marine HV systems to an operating condition. This will mean that the trainee meets the requirements laid down in the Knowledge, Understanding and Proficiencies for High Voltage installations set out in Tables A-III/2 (part) of the STCW Convention and Code 1978, as amended.

Contents:

- Safety rules on marine HV environment according to current regulations and recommendations (STCW, SOLAS, HSE etc.)
- Marine HV safety aspects and safe working procedures
- Special considerations for offshore electrical installations
- Dangers of electricity and arc-faults in switch-gears
- Personal protective equipment
- Marine Electrical, Propulsion and Distribution Systems
- Protection system of electrical installations
- Accident analysis workshop
- Practical exercises

Duration: 5 days**Student profile:**

Engine personnel at the operational & management levels, and all electro-technical personnel who are dealing with high voltage equipment and systems.

Prerequisites:

Previous electrical degree or certification is not required; however, a basic level of electrical knowledge is advised.

Venue: Houston, USA**Additional information:**

Maximum 10 participants per course.

