

Diesel Endorsement (STRCTR-158)

Length 160 hours (20 days)

Objective

The objectives of this course will be to cover an information base specific to Diesel Propulsion that will provide a USCG licensed Steam engineer a comfortable transition to safely and efficiently operate Main Propulsion Diesel Vessels and to provide STCW qualifications for qualifying engineers.

- The objective of this course is to prepare you for the USCG motors 1 and 2 exam.
- Upon completion of this course you will have to take these exams to get your MOTORS endorsement.

This Course is USCG Approved and STCW Compliant. The course certificate will state:

“Any applicant who has successfully completed our Diesel Endorsement (STRCTR-158) course and presents their certificate of training within one year of completion of training will:

- 1) Receive 60 days sea service credit towards upgrading an unlimited third assistant (motor) engineer license to an unlimited second assistant (motor) engineer license. This course cannot be used for recency; OR
- 2) Satisfy the training requirements of 46 CFR 11.502(b)(4) for a motor endorsement to the level of their unlimited steam license one time only; AND
- 3) Meet the competency requirements for Preparation, Operation, Fault Detection and Necessary Measures to Prevent Damage for the Following Machinery Items and Control Systems for Main Engine and Associated of Operate Main and Auxiliary Machinery and Associated Control Systems on able A-III/1 or the STCW, as amended; AND
- 4) Meet the competency requirements for Manage the Operation of Propulsion Plant Machinery for Marine Diesel Engines; Detect and Identify the Cause of Machinery Malfunctions and Correct Faults; Operation, Surveillance, Performance Assessment and Maintaining Safety of Propulsion Plant and Auxiliary Machinery portions relating to Marine Diesel Engines and Main Propulsion equipment of Table A-III/2 of the STCW, as amended.”

Scope

This course is intended to meet USCG requirements as listed above in the USCG Approved and STCW Compliant Course Certificate section.

Entry standards

Student minimum prerequisites are:

- In possession of a valid Merchant Mariner Credential (MMC)
- Proficient in the English language

Please be prepared for class with the following:

- No extra class material required

Simulators and Training Tools

Kongsberg's NEPTUNE Desktop Simulator

- Medium Speed M22 Pielstick 10PC4
- Slow Speed MC90-V MAN B&W 5L90MC

GEA Westfalia Separator, Inc

- GEA Westfalia Separator
- OSD 2 Compact Unit (Model OSD 2-02-137)

Teaching Facility

STAR Center, Dania Beach, Florida