

## **OICEW – Maintenance & Repair (STRCTR-835)**

**Length** 140 hours (17 days)

### **Objective**

To introduce the student to the basic Maintenance and Repair at the operational level as stated in Table A-III/1 of the STCW Code for the competences:

1. Appropriate use of hand tools, machine tools and measuring instruments for fabrication and repair on board
2. Maintenance and repair of shipboard machinery and equipment

Students will have attained knowledge in the following area concerning Maintenance and Repair:

- Safety Measures
- Fastening
- Safe Emergency and temporary repairs
- Repair Leaking Pump
- Repack a leaking valve
- Replace a Flange Gasket
- Adjust excessively leaking Packing on rotary type pump
- Overhaul a centrifugal pump
- Adjust Reciprocating pump
- Repair and rebuild globe valve
- Heat exchanger - leaking tube
- Proper installation of ball/roller bearings – electric motor
- Pipes, fittings and valves

For all exercises in this course we will take proper action to prevent safety and pollution violations.

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

“Any applicant successfully completing our OICEW - Maintenance & Repair (STRCTR-835) course and presenting their certificate of completion will satisfy the following TASKs from the Officer in Charge of an Engineering Watch NVIC 17-14: TASKs 8.2.A; 8.2.B; 8.2.C; 8.2.D; 9.3.A; 9.3.B and 9.3.C. Applicants who have successfully completed your course need not present completed "Task Control Sheets" for these assessments in application for STCW certification.

### **Scope**

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

### **Entry standards**

This course is open to students who have a need for such training as required by the United States Coast Guard and STCW as amended. Each student should be in good physical health and speak and understands English.

### **Teaching Facility**

STAR Center, Dania Beach, Florida