



Course Title: **ENGINE-ROOM SIMULATOR (Refresher course)
BASED ON IMO MODEL COURSE 2.07 (Edition 2002)**

Duration: 5 Days – 40 Hours

Target Group(s): CHIEF ENGINEERS AND ENGINE OFFICERS

Scope & Objectives:

- Familiarization with the use of instrumentation and controls used in the engine-rooms of modern merchant ships
- Refreshing practical experience on operational procedures
- Awareness of the need for proper pre-planning, the use of the checklists and of the timescales involved in start-up procedures
- Understanding and awareness of correct watch keeping procedures
- Understanding of the way in which machinery units are interdependent
- Experience in identifying operational problems and trouble-shooting them
- The ability to make decisions, which promote the safety and efficiency of an operational plant.
- Gain and broaden their abilities, skills and knowledge on all procedures involved

Entry Requirements:

- Seaman Book No, Passport No and Medical Card.
- 2 Photos
- Certificate of competency
- Certificate of Engine-Room Simulator IMO Model course 2.07

Gained Qualifications:

The course is essentially a practical one, consisting of a series of exercises structured around the operation of a ship's machinery installation and carried out in conjunction with an engine-room simulator.

It is conducted by an experienced Chief Engineer.

It is supported by our state-of-the-art full mission Engine Simulator with some indicative virtual scenarios such as preparing and firing up a cold steam boiler, engine failure, preparation and operation of main engine, commence of passage in shallow waters, bunkering procedures, very low-slow steaming, etc.

Certification/Course approval:

- Certificate of attendance " REFRESHER ENGINE-ROOM SIMULATOR based on IMO Model Course 2.07 (Edition 2002) "
- The course is accredited by the Authority for Transport in Malta