

# ENGINE ROOM SIMULATOR COURSE - (MGMT LEVEL)



Course Durations: **5 Days**

Course Applicability Ranks: **C/E, 1/A/E, G/E, 2/A/E, 3/A/E, ELEC**

- ◆ A five-day mandatory course for marine engineers, approved by DG of shipping India. At this level the Senior engineer who is in charge of watch keeping and engine room management is given specific training as per STCW-as amended in 2010.
- ◆ The course is based on IMO Model Course 2.07 "Engine Room Simulator" and covers the following training areas at the Management Level.
- ◆ Familiarisation of Engine Room machinery systems and equipments.
- ◆ Safe operation of engine room machinery
- ◆ Troubleshooting of various machinery faults
- ◆ Safe Engine room watch keeping procedures
- ◆ Operation of cargo machinery.



## Course Contents:

- ◆ Familiarization on machinery and plant equipment.
- ◆ Engine Room Simulator Particulars of Model Ship.
- ◆ Configuration of Full Mission Engine Room.
- ◆ Engine Room Pipeline System, Power generation and distribution System.
- ◆ Principle and Practice of watchkeeping.
- ◆ Simulator Scenario Exercise, on various abnormal operating conditions.
- ◆ Fault Finding on Auxiliary and Main Propulsion plant.
- ◆ Management of Power generation
- ◆ Management of steam plant and operation.