

SHIP ENERGY EFFICIENCY MANAGEMENT PLAN (SEEMP)

- COURSE OBJECTIVES**
- Acquire a clear understanding of various aspects of ship operations that contribute to effective management of energy efficiency on board
 - Be able to plan, implement and monitor appropriate measures on board, which will aim at effective management of energy efficiency

ABOUT THE COURSE

Under the energy-efficiency regulations initiated by IMO, existing ships are required to have an energy efficiency management plan in place.

Ship Energy Efficiency Management Plan (SEEMP) has come into force in January 2013. Consequently, all operators have documentation in place to demonstrate their compliance. The course aims to take an integrated view of various operational factors that contribute to energy efficiency.

Case studies and exercises help the participants to not only appreciate the concepts and principles involved, but also apply them to their on-job situations.

PARTICIPANTS

Members of senior, middle and junior level technical management teams from shipping companies; seafarers at the operational and management levels.

DURATION

Two days

KEY TOPICS

- General principles and issues relating to shipboard energy efficiency
- Provisions of ISO: 50001 and ISO: 19030
- Practical examples from shipboard situations that offer potential for enhancing energy efficiency
- Energy efficiency in navigation- voyage planning, trim, auto pilot, etc.
- Energy efficiency in machinery operations- main engine, auxiliary engines, boiler and the related systems.
- Impact of hull and propeller roughness and remedial measures
- Planning and monitoring of shipboard energy efficiency
- Industry 'Best Practices'