



SAMUNDRA INSTITUTE OF MARITIME STUDIES (SIMS)

Graded A1 outstanding with 97.8% marks (Top amongst Maritime Institutes in India), obtained in the inspection conducted by the Government-recognised independent body ClassNK, Japan (Nippon Kaiji Kyokai) – largest classification society in the world



MARINE ELECTRICAL PRACTICE COURSE

Great Opportunity for Marine Engineers to acquire hands on knowledge in Electrical system at a very Nominal cost

DURATION & RECOGNITION: This is a 5-day value added course prepared exclusively taking into account the Marine Engineers who are wired to wonder about how the systems works. The course is designed with the assumption that the participants have very little knowledge of marine electrical system.

CONDUCTED AT: Mumbai

OBJECTIVE: This program has been developed keeping in mind that Practical Electrical knowledge has traditionally been a weak area for marine Engineers and to fill this acutely felt training need of individual. The candidates are exposed to intensive hands on practical training and case studies group discussion which further improves there confidence in handling and troubleshooting electrical equipment's.

Upon completion of the course the participants will be able to gain practical know-how and ability in reading schematics, diagrams, maintenance and fault finding procedures for electrical equipment's for commonly found onboard ship.

You'll learn and understand taking into account how to:-

- Read a circuit diagram,
- Component function in a circuit diagram
- Fault finding on circuit diagram and implementing the same in Starter Panel
- Operate
- Troubleshoot
- Hands on training on maintaining electrical systems and support systems onboard your ship.

SUBJECT AREAS: In depth tracing of various different types of electrical starter panels and circuits of ship board machinery is carried out, which helps the participants to gain confidence and ability to trace complex circuits.

USP: A complete practical course assuring to build your confidence with hands on training on the Electrical panels such as:-

M/ E Turning gear Starter, M/E Aux Blower, Main Air Compressor Starter, E/R Crane, Alpha Laval Purifier, Circuit wiring on trainer boards

- State of the art training facility, Training instructions and activities are tailored to take full advantage of the practical aspects of the work carried out on board.
- Spacious classroom and work area
- Familiarization with layout block diagram of Electrical system related to Navigational Equipment's
- Highly experienced faculty.

TEACHING METHOD: Combination of lecture with more emphasis on practical exercise training focused on developing and enhancing ability to analyze, detect and repair electrical faults/errors.

ENTRY REQUIREMENT: Entry to this course is open to all Marine Engineers.

MAXIMUM ATTENDANCE: 10 participants