

CERTIFICATE COURSE IN MARINE ELECTRO TECHNOLOGY & HIGH VOLTAGE

COURSE OBJECTIVES-

Developed knowledge and practical skills in marine electro-technology, with emphasis on shipboard electrical systems and safe handling of high-voltage equipment. The training focused on operational safety, maintenance practices, and compliance with marine electrical standards.

ABOUT THE COURSE-

This course aims to enhance participants' knowledge and skills in electro-technical work, with a specific focus on handling high-voltage equipment. Through comprehensive safety procedures, participants will learn about testing equipment, compliance with Planned Maintenance Systems (PMS), and identifying particular hazards associated with high-voltage systems. The course covers critical topics such as electrical arc flash and blast, minimum safe distances, special lockout/tagout procedures, testing of high-voltage equipment, and the necessary permits and personal protective equipment (PPE) required for high-voltage work.

Additionally, recent accidents and incidents are reviewed to provide valuable insights into real-world scenarios and lessons learned.

PARTICIPANTS-

Engine Room Team

DURATION-

One day

KEY OBJECTIVES-

- Understand Electrical Safety Procedures
- Testing of Equipment and compliance with PMS
- Particular Hazards
- Electrical Arc Flash and Arc Blast
- Minimum Safe Distance
- Special Lock Out / Tag Out Procedures
- Testing of High Voltage Equipment
- High Voltage Work Permit and PPE
- Recent Accidents / incidents

TRAINERS



SHASHI GANGHAS

Mr. Shashi, a Senior Technical Superintendent with over 12 years of shore-based experience and 24 years of maritime expertise, brings a wealth of knowledge to his training role. With a background encompassing technical management, inspections, audits, and quality assurance, he possesses a deep understanding of vessel operations. His extensive sailing experience as a Chief Engineer on Oil and Chemical Tankers adds practical insights to his training methodologies. Mr. Shashi's proficiency in preventive maintenance, planned repairs, and dry-docking of large ships, coupled with his leadership skills and multicultural experience, uniquely equip him to deliver comprehensive and effective training programs in the maritime industry.