

INTRODUCTION TO SHORE-SIDE POWER

COURSE OBJECTIVES

To provide participants with foundational knowledge of shore-side power systems, including cold ironing principles, shore-to-ship electrical connection procedures, power distribution systems, safety requirements, environmental benefits, operational practices, and regulatory compliance for safe and efficient maritime power management.

ABOUT THE COURSE

This one-day training programme provides participants with essential knowledge of shore-side power systems (cold ironing) and their role in sustainable maritime operations. The course covers shore power fundamentals, electrical connection procedures, synchronization requirements, safety precautions, troubleshooting techniques, environmental benefits, and regulatory requirements.

Participants will gain practical understanding of ship-to-shore electrical infrastructure, power management systems, communication procedures, and best practices for safe and efficient shore power operations onboard vessels and at port facilities.

PARTICIPANTS

Deck Officers, Engine Officers, Marine Electricians, Ship Crew and Ratings, Port and Terminal Personnel, Safety Officers, Marine Engineers and Technical Staff, Maritime Training Personnel

DURATION

One day (Six Hours)

KEY TOPICS

- Introduction to Shore-Side Power Systems and Cold Ironing
- Shore-to-Ship Electrical Connection and Power Distribution Systems
- Operational Procedures and Power Management Practices
- Safety Requirements and Emergency Procedures
- Environmental Benefits and Regulatory Compliance

TRAINERS



CE Suarbh Kaushik

Mr. Saurabh Kaushik joins Charismight as Superintendent (Technical). A veteran maritime professional, he brings over 20 years of experience operating LPG, LNG, and Ammonia carriers. His expertise in operations and training strengthens Charismight's commitment to excellence.