

AMMONIA AS A MARINE FUEL

- COURSE OBJECTIVES** To provide participants with a comprehensive understanding of ammonia as a marine fuel, including its properties, safety protocols, engine applications, handling procedures, and role in maritime decarbonization.
- ABOUT THE COURSE** This comprehensive program covers ammonia as a clean maritime fuel and focuses on the specific requirements and challenges of ammonia bunkering. It includes an overview of ammonia's physical and chemical properties, safety risks, storage and handling requirements, bunkering equipment and infrastructure, regulatory frameworks, detailed bunkering procedures, and emergency response planning. Participants engage with real-life incident analysis and best practices to enhance operational safety and regulatory compliance.
- PARTICIPANTS** Marine engineers, Ship operators & managers, Safety officers & crew members, Maritime regulatory professionals, Fuel handling & bunkering teams
- DURATION** One day
- KEY TOPICS**
- Introduction to Ammonia as a Next-Generation Marine Fuel
 - Ammonia Storage, Handling & Bunkering Operations
 - Safety Considerations & Risk Management
 - Ammonia Applications in Two-Stroke & Four-Stroke Engines
 - Regulatory Compliance & Emergency Preparedness

TRAINERS



CE Saurabh 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.



CE Amratlal Panwar

CE Amratlal S. Panwar joins Charismight. He brings extensive expertise in tanker operations, LPG carriers, shore management, and technical supervision. Specializing in maritime training, decarbonization, and operational excellence, he strengthens Charismight's mission to deliver high-quality maritime consultancy and technical solutions..