TRAINING FLYER

METHANOL AS A MARINE FUEL

COURSE OBJECTIVES

To equip participants with comprehensive knowledge and practical understanding of methanol as a marine fuel, including fuel properties, engine technology (ME-LGI), fuel supply systems, operational procedures, safety measures, emergency response, and applicable regulatory requirements.

ABOUT THE COURSE

This course provides a structured overview of methanol as a low-carbon marine fuel. It covers methanol fuel properties, ME-LGI engine concepts, LFSS fuel supply arrangements, injection and control systems, double-wall piping and safety features, operational changeover procedures, and compliance with IGF Code and STCW training requirements. Emphasis is placed on safe handling, leak prevention, detection systems, and emergency response to ensure reliable and compliant shipboard operations.

PARTICIPANTS

Marine Engineers, Deck Officers, Ship Operators & Technical Managers, Bunkering and Fuel Handling Personnel, Maritime Safety and Compliance Officers

DURATION

One day

KEY TOPICS

- Overview of methanol as a low-carbon marine fuel and its properties.
- ME-LGI engine technology and fuel injection systems.
- Methanol fuel supply arrangements, storage, and double-wall piping.
- Safe operations, leak prevention, detection systems, and emergency response.
- Compliance with IGF Code, STCW training, and operational best practices

TRAINERS

CE Nilesh Patankar

Mr. Nilesh Patankar joins Charismight as Superintendent (Technical). A seasoned Chief Engineer, he brings extensive experience on oil/chemical tankers, methanol carriers, and bulk vessels. His technical expertise and cargo handling knowledge strengthen Charismight's commitment to operational excellence.

CE Krishanjeet Azad

CE. Krishanjeet Singh Azad is a skilled Technical Superintendent with extensive experience on Oil & Chemical Tankers and Bulk Carriers. He specializes in propulsion and auxiliary machinery, advanced cargo systems, and dry-docking, ensuring vessels remain safe, compliant, and operationally reliable.