

Shipbuilding processes including Technical and Practical aspects

COURSE OBJECTIVES

To enable the participants to have a general awareness of the role of Classification society in ship building and an overall understanding of the shipbuilding process, covering activities of Hull, Machinery and Electrical; Welding, NDT as well as various tests and trials associated with it. Participants will have a holistic picture of ship construction and be able to appreciate each other's work and support the common shipyard goal of qualitative & timely ship construction.

ABOUT THE COURSE

The session is curated for classroom delivery mode and built around practical examples, different activities involved in ship construction, their sequence and significance, checks and controls to be effected, responsibilities of different stakeholders, etc. The session is meant to be highly interactive and hand hold participants from different disciplines.

PARTICIPANTS

Fresh Graduate and Diploma engineers relatively new to shipbuilding Industry, Mechanical, Electrical engineers with about 10 yrs shipyard experience as well as supervisors, foreman etc.

DURATION

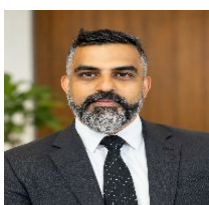
Two day

KEY TOPICS

- Role of Classification in Shipbuilding
- Ship building process flow
- Hull, Machinery, Electrical activities involved.
- Welding and NDT processes
- Inclining test
- Harbour and Sea trials

TRAINERS**Muraleedharan Nair**

Mr. Muraleedharan Nair is Naval Architect working with IRClass as Principal surveyor, heading their Training department. He has joined IRS about ten years back with wide range of previous experience which include but not limited to working in a major defence shipyard design office; marine and industrial surveyor with an international as classification society; technical and new construction manager with a ship management company; Vice president of a major shipyard undertaking entire process of new construction of sophisticated ships etc.

**Siddhesh Prabhu**

Siddhesh Prabhu has been associated with IRS for the past 10 years in the Machinery Plan Approval Division. A qualified Chief Engineer, he possesses extensive sailing experience and survey qualifications, contributing technical expertise to the maritime industry. He is an active participant in our different training programs.

**Anil Tyagi**

Anil Tyagi is a Principal Surveyor working with the Electrical & Control Systems Division of P Plan Approval, Indian Register of Shipping (IRS) for the last six years. He is an Electronics Engineer with an MBA in International Business and a TÜV-certified Functional Safety Professional. With extensive prior experience at L&T Ltd., he is an expert in electrical and automation projects from concept to commissioning. His technical specialization includes PLC & SCADA based automation, high-voltage electrical systems up to 132 kV, covering switchyards, transformers, transmission lines, switchboards, RMUs, and associated control systems.