

Fundamentals of Ship Surveys, Statutory Compliance and Repair Estimation

COURSE OBJECTIVES This course is designed to provide participants with a comprehensive understanding of ship classification, statutory and class survey requirements, international maritime regulations, and modern ship maintenance practices. Participants will gain knowledge of the role of the IMO, IACS, and classification societies in ensuring vessel safety and compliance, while also developing practical skills in preventive maintenance, confined space safety, and working-at-height procedures.

ABOUT THE COURSE This intensive three-day program provides maritime professionals with a comprehensive understanding of ship surveys, classification requirements, international maritime regulations, maintenance practices, and repair estimation techniques. Through expert-led sessions, practical discussions, and onboard visits, participants will gain valuable insights into both the technical and regulatory aspects of vessel operations. The course combines theoretical knowledge with real-world applications, enabling attendees to enhance their professional competence in ship management, inspection, maintenance planning, and compliance with international maritime standards.

PARTICIPANTS Port and Maritime Authority Personnel

DURATION Three days

KEY TOPICS

- Maritime regulatory framework
- Ship surveys and inspections
- Ship safety – Enclosed space entry, Working aloft
- Maintenance of Ship Hull and Machinery
- Repair estimation and Technical Assessment
- Practical Learning

TRAINERS

Amit Bhatnagar



Senior Principal Surveyor and Head IRCLASS Academy. Responsible for implementation of initial ISPS Code onboard Indian ships and ports. More than 20 years of hands-on experience in conducting more than 150 PFSA's in many countries including India. Trained more than 1500 professionals on ISPS Code.

Sandeep Kumar



Sandeep Kumar is Principal Surveyor at the IRClass Academy.

He is an Extra First Class Engineer possessing more than 26 years of rich and varied shore and sailing tenures. Armed with his experience as a Class Surveyor, Technical Superintendent, Quality Superintendent, Fleet Manager, HSQE Head, DPA, Senior Engineering Faculty and as a Chief Executive Officer, his leadership and technical prowess make him an asset in shaping maritime education and training initiatives. With his background spanning technical management, inspections, audits, overall company management, and quality assurance, he possesses a deep natural understanding of vessel operations and is well-equipped to deliver comprehensive training programs in the maritime industry.