



KARNAKARAN BALASUBRAMANIYAN

**Marine Surveyor/Naval Architect
(CII Member, AmRINA & AffiliIMS)**



8 years of international experience in the field of Marine Industry with expertise Marine & Marine Cargo Survey, Ship Design, marine Operations, Lifting Gear Inspection, Quality Control & Ship Maintenance.

AREA OF EXPERTISE

- Flag State Inspection
- Damage Investigation
- Marine warranty survey
- Pre-purchase inspection (for Ship, Tug, Barge, Yacht)
- H & M Inspection
- Vessel Annual Inspection
- Insurance/Damage Claims.
- Marine Operations
- P & I
- Audits
- Superintendent
- Port Captain & Super cargo
- Towing Approval
- Engineering Calculation
- Draft Surveys (for Bulk Carriers & Deck Cargo Barges)
- On/Off-hire bunkers
- 221 B Bunker Survey
- Condition Surveys (Ship, Barge, Tug, Yacht, Machinery & Cargo)
- Stowage Plan
- Pre-shipment surveys
- Break bulk Loading/Discharging, Lifting Gear Inspection and Lashing supervision & Certification.
- Volume & Measurement surveys.

CERTIFICATES IN

- Design – Drafting, Hull modelling, Electrical installation.
- ANSYS
- CATIA
- Production - Hull department, Erection & Fabrication.
- Accident investigation.
- Basic chemical Handling
- Basic Electrical safety
- Confined Space & Gas Tester
- Manual Handling
- Occupation Health & Safety Awareness
- Occupation Health & Safety Management System Awareness
- Risk Assessment
- Ultra Sonic Hatch Cover Testing
- Flag State Inspection

CYBER CERTIFICATES

- Virus Attack
- Protecting Your Personal Computer
- Understanding and Stopping a Social Engineering Attacks
- Identity Theft
- Nigerian Scam
- Basics of Information Security Awareness
- Smishing
- Deceptive URLs (Interactive Training)
- Strong Password
- Physical Security
- Protecting Against Spear
- Phishers
- Internet and Email Use