



Engr. Syed Yasir Ahmed

Naval Architect / Marine Design Engineer



B.E-Naval Architecture & Offshore Engineering.
AMET University, Chennai, India.

PERSONAL PROFILE:

Naval Architect with 3.2 years of experience in Supervision and Project engineering for Ship conversion/boatbuilding and retrofit projects. Design and analysis of marine structures, Naval Architecture Calculations for various ships/FRP & GRP boats. Calculation and Preparation of Structural drawings, Asbuilt drawings, Stability booklet, Schematic piping drawing as per IACS class and GCC code. Onsite Engineering and managing team in an efficient way by satisfying client requirement.

EMPLOYMENT HISTORY:

Constellation Marine Services LLC, UAE
(Mar 2018 – Present) – Naval Architect

AlBedayya Consultancy & Marine Survey
(Dec 2014 – Feb 2018) – Marine Design Engineer/Marine Surveyor

AREA OF EXPERTISE:

- ❖ Design and analysis of marine structures using FEA & FEM.
- ❖ Preparation of Class inclining experiment procedure and conducting test with Class surveyor.
- ❖ Calculation/Preparation of trim & Stability Booklet as per class requirement and GCC Code
- ❖ Preparing Hydrostatic calculation, cross curves, Windage area, heeling due to turning, down flooding points, passenger distribution calculation etc.,
- ❖ Preparation of Machineries, piping & Structural drawing for FRP & GRP Yachts for class.
- ❖ Preparation of Marine Structural drawing with class requirement such as TASNEEF, DNV-GL, PRS, IRS, ABS, BV, IACS, SOLAS, MARPOL.
- ❖ Preparing Asbuilt, P&ID for machinery piping system.
- ❖ Preparing Asbuilt drawings for various ships, Boats & FRP & GRP Yachts.

- ❖ Installation, Supervision of structure installation and conversion in shipyard.
- ❖ Carrying out Non-Conventional Boat Survey, ON-Hire & OFF-Hire Consumables Survey, and Cargo Condition Survey.

RECENT PROJECTS:

- Oman Dry-Dock Company S.A.O.C-M/V Al Mabrukah Oman Navy Training Vessel Conversion:
- M/V Emirates Western-4000 conversion design under class DNV-GL-Emirates Western Oil Well Drilling CO.LLC.:
- M/V Labroy 239 installation of Freeing Ports under Class ABS-Marine Core Charter LLC.:
- M/V Maridive 703 installation of Mezzanine deck and Pedestal crane under ABS Class-Maridive & Oil Services company:
- M/V Mutawa 402 installation of 50tons crane under DNV-GL class-Mutawa Marine Works LLC.:
- 36ft Abra type-GRP New Built vessel for RTA-Dubai under PRS Class:
- M/V Labroy 178 installation of Spuds under Class BV-Marine Core Charter LLC.:
- M/V Sultan modification of sewage plan-White sea Shipping & Supply LLC.:
- Conducting and coordination of Inclining Experiment and Preparation of Trim & Stability Booklet for more than 60 FRP & GRP Vessels for new build and existing modified vessels for DUBAI MARITIME CITY AUTHORITY.
- Conducting Inclining Experiment and Preparation of Trim & Stability Booklet for TASNEEF CLASS: (FRP & GRP)
- 3D modeling and analysis of Offshore structure (DNV Sesam)
- Completed 3D modeling, initial design and analysis of "VLCC CARRIER" (AVEVA marine Tribon)

CERTIFICATION:

- Short term course on Rhinoceros, CATIA, Solidworks, and ANSYS- APDL (FEA&FEM).