



ENERGY SOLUTION INTERNATIONAL PTE. LTD.

“We provide optimal solutions and support in construction and installation for offshore and subsea structure”

COMPANY OBJECTIVES

We strive to be a top quality and optimal solutions provider for marine and offshore industry.

- Providing support in construction stages, installation, commissioning and operation.
- Maintain quality and safety, whilst remaining competitive in the market.

MARINE SUPPORT & PROJECT SERVICES

Operation & Condition Inspections

- Inspections to establish whether vessels & MODUs are suitable and safe for the purpose services. Towage, Float Over & Subsea Installation.
- OCIMF OVID for Dynamic Position (DP) vessels.
- IMCA inspections for Offshore Vessels, Diving Support Vessels, MODU, Pipe Laying vessel, Special Purpose Ships.

Construction Consulting

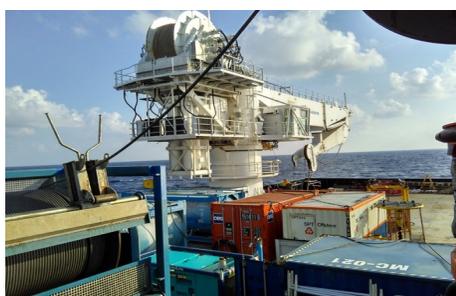
- We have experience and knowledge needed to solve the everyday challenges encountered throughout the construction process.
- Provide on-site expertise for new building and conversion of Oil and Gas production Modules.
- Provide design and EPCC for onshore and offshore new building Oil and Gas facilities.
- Review plans and drawings on compliance with marine and international requirements; conduct commissioning, fabrication and installation surveys; liaising with design offices and make long chain of approval easy for customer and efficient for production.

Project Support and Project Management

- Control projects from beginning until completion, proactively controlling costs, schedules, and scope of work while ensuring the highest quality outcome and safe culture.

Project Marine Fleet Management and Control

- We organize marine support for project needs with marine unit and required crew and workforce.



ENGINEERING SERVICES

- Vessel Motion & Hydrodynamic Analysis
- Consultancy for Vessel Conversion and Modification
- Single Buoy Mooring Analysis
- Engineering Lift Study
- Drop objects study
- Analysis Supporting Load-out,
- Offshore Transportation and Installation study

Subsea

- Subsea Structure Installation Study
- Lift off, Splash Zone Crossing, Resonance, Seabed Landing
- Submarine Pipelay Analysis (Static and Dynamic)
- Startup and Laydown Analysis
- Abandonment and Recovery Davit Lift Analysis On-bottom Stability Analysis Local Buckling Check

ACCREDITATION & CERTIFICATION

