

2024

COMPANY PROFILE



SKYTEC[®]
Engineering Services

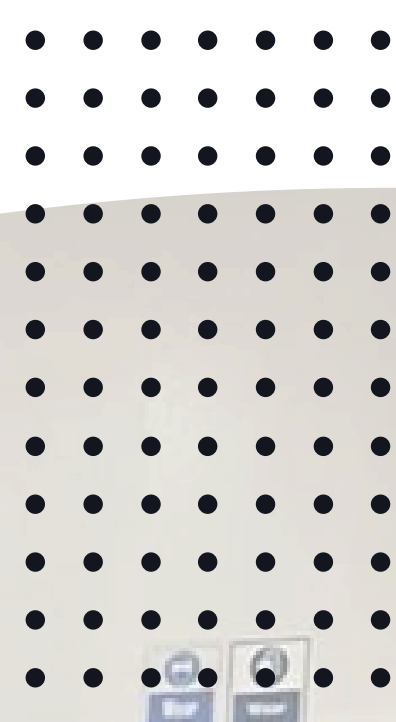


TABLE OF CONTENTS

1

About Us

2

Our Services

3

Electrical

4

HVAC

5

Mechanical

6

Our Projects

ABOUT US



We are SKYTEC ENGINEERING SERVICES – A Marine Engineering Company located at Mumbai, India. We are in the market since 2018 and till date we have successfully done numerous projects.

In the dynamic landscape of the electrical industry, SKYTEC are establishing itself as a burgeoning leader in engineering for the manufacture of control panels, marine electrical repairs, HVAC and decarbs.

Our firm is dedicated to delivering high-quality solutions tailored to meet the diverse needs of various industries.

At SKYTEC, we take pride in our extensive range of Power and Control Panels, designed to cater to the demands of numerous sectors while our electrical engineering team deliver our expertise in marine repair and troubleshoot jobs. We also have excellent team for main engine decarbs, ensuring solutions for marine industry within one roof.

We have facility for HVAC works, ensuring that the products not only meet but exceed the stringent quality standards set forth in the industry.

Our commitment to excellence is reflected in our engineering team, fortifies our position as a trusted partner in the marine engineering sector.

At SKYTEC, we are not just about meeting standards; we are about setting them.

OUR SERVICES



Switch Board Controls & Safeties Troubleshoot



LT & HT Motors Overhaul & Rewinding



Troubleshoot, Repair & Integration of Various Systems



Switch Board Controls & Safeties Troubleshoot



Cable Laying & Termination, Cable tracing & fault finding



Overhauling of ACB & MCCB, and retrofitting of ACBs & MCCB on switchboards



Trouble shooting, repair and integration of centralized alarm monitoring system



Fire & Gas detection and hyper mist system installation, Servicing & Troubleshoot



Electrical Control Panel Design, Manufacture, Supply & Installation



HVAC Supply & Services



Battery & UPS System Repair Installation



CCTV & Data network system installations



Supply, Troubleshoot and repair of marine galley equipment's



Lighting Solutions (Search Light Repairs & Supply of Marine Lights)



Repair & Maintenance



Turnkey Jobs & Shipbuilding Subcontracting Jobs

OUR SERVICES



Hydro Ballasting – Riding Squad



Welder – Riding Squad



Fitter & Cleaner – Riding Squad



Main Engine Decarb



Ballasting & Painting



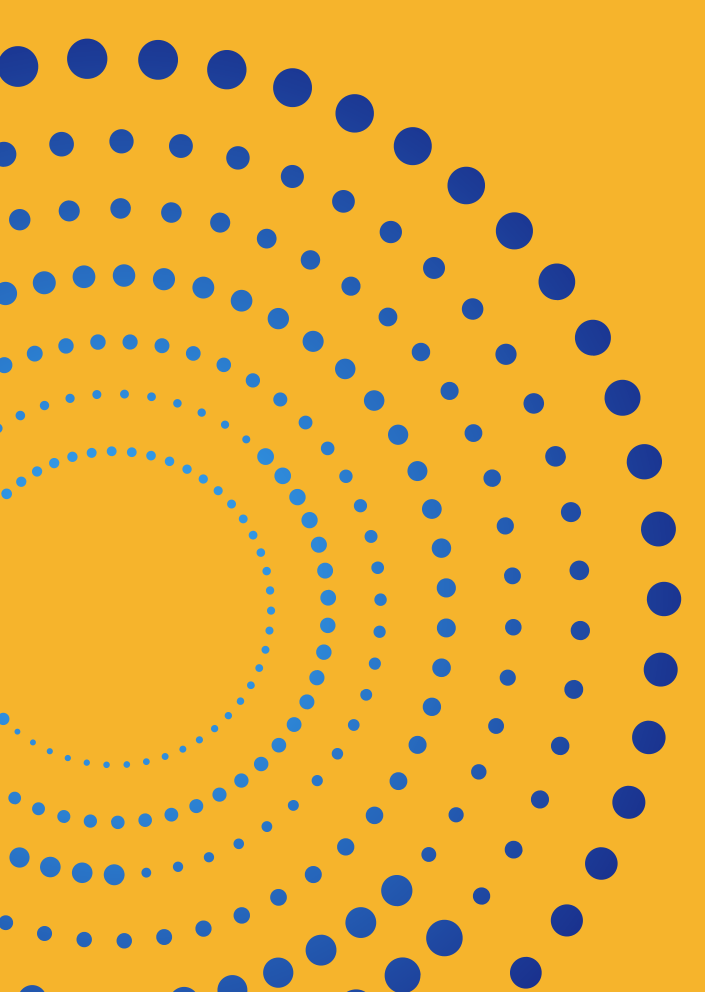
Marine Hull Fitting



High Mast, Industrial & Warehouse Interior Lighting Solutions



Supply of Cables Tray, Switchgears, Control Transformers, Relays, Fuse, Cable, Jointing & Termination kits, Axial Fans, Air-Conditions, all consumables



ELECTRICAL

ELECTRICAL & AUTOMATION

- Trouble shooting of main switch board and Emergency switch board controls and safeties.
- Trouble shooting of main engine and Aux. engine controls.
- Installation of lighting distribution and power sockets for refer containers.
- Trouble shooting, repair and integration of Main switch board, emergency switch board, centralized alarm monitoring system, power management system, DOL, star delta, auto transformer, soft starter, VFD, AC drives, bilge and cargo hold monitoring system, Aux boiler controls, incinerator controls, air compressor, compactor, purifier and sewage plant panels, 15 PPM Oily water separator, level and pressure monitoring systems, Steering gear system, Fire detection and hyper mist system, galley equipment's etc.
- Printed circuit board repairing.
- Automation and control troubleshooting of Electro hydraulic crane, overhead cranes, Electrical cargo cranes, Cargo pump and turbine control, Ballast tank gas detection system, Hull stress monitoring system, Inert gas system etc.
- Overhauling of ACB & MCCB, and retrofitting of ACBs & MCCB on switchboards.
- Fire & Gas Detection System Installation, Servicing & Troubleshoot
- Navigation & Communication Equipment Installation, Servicing & Troubleshoot.

ELECTRICAL

ELECTRICAL PANEL MANUFACTURING

- Design, manufacture and supply all types low voltage and medium voltage automation, microprocessor, PLC, HMI, SCADA based hi- tech marine & industrial control panels.
- Main Switchboard, Emergency Switchboard, Generator Panels, Motor Starter Panels, Consumer Panels, Rectifier units and battery chargers, Distribution boxes, Motor Starter Boxes, Shore Connection Boxes, Test Panels, Lighting Distribution Panel, Emergency Switch-off Panel.

TURNKEY PROJECTS/CONTRACTS

- Complete cabling, termination & commissioning of BWTS(Ballast water treatment system) and scrubber system on ships.
- Cable Laying & Termination, Cable tracing & fault finding.
- Industrial Automation & Wiring.
- Sprinkler System Electrical Control Installations.
- CCTV & Data network system installations.
- UPS System installation.
- Industrial & Warehouse interior Lighting Solutions.
- Street Lights & High Mast (20 Mtr, 30 Mtr & 40 Mtr).
- Complete automation & control systems in marine boilers.
- Hyper mist & fire detection systems.
- Complete electrical solutions for Solar Power Plant Installation & Commissioning.

ELECTRICAL

REWINDING & OVERHAULING

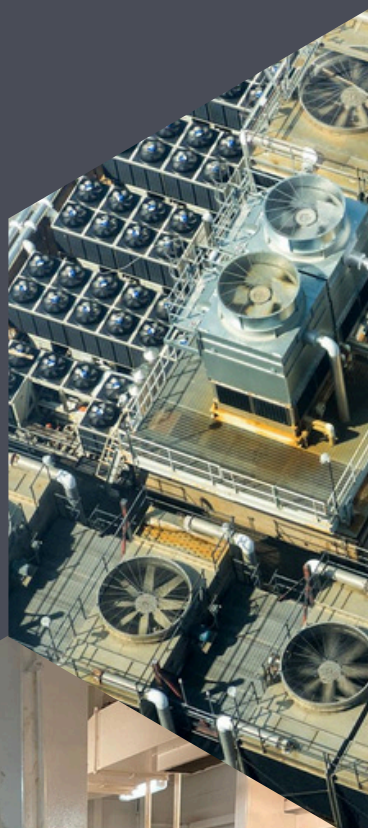
- Installation, overhauling, Rewinding and Repair of Motor, alternator, generator and transformer of all sizes.
- Rewinding of big alternators & motors on ships during sailing / anchorage.



HVAC

HVAC SERVICES

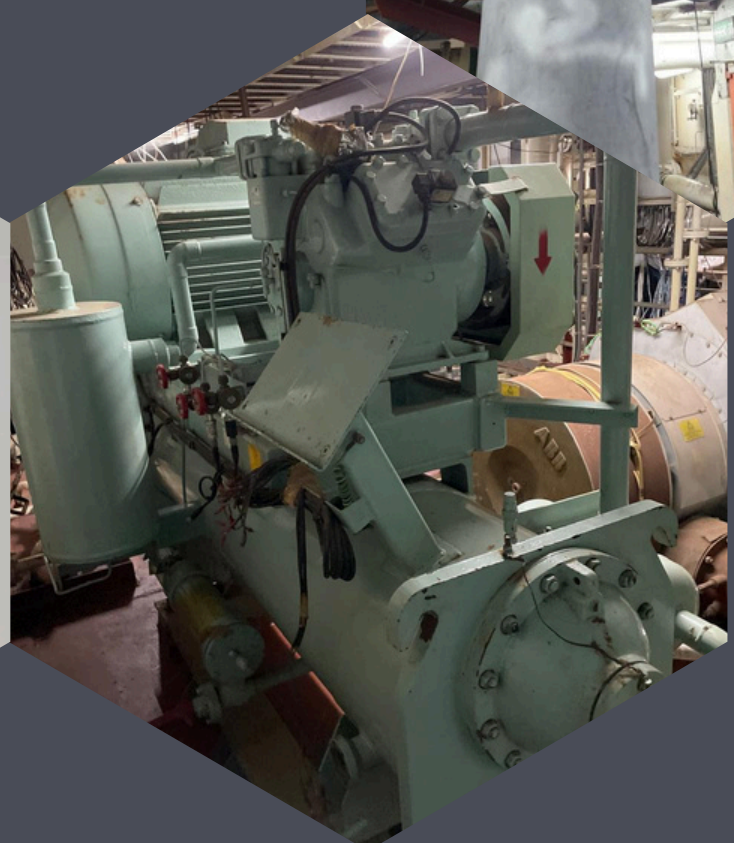
- Custom HVAC system design tailored to the specific requirements of each vessel.
- Energy-efficient solutions to optimize performance and reduce operational costs.
- Expert installation of HVAC systems, ensuring proper integration with the vessel's infrastructure.
- Thorough commissioning processes to verify system performance and functionality.
- Regular maintenance programs to ensure longevity and reliability of HVAC systems.
- Troubleshooting, service and maintenance of air-conditioning and refrigeration system.
- Riding crew and OEM supplier of conditioned and refurbished parts and compressors.
- Prompt and efficient repair services to minimize downtime and maintain onboard comfort.
- Modernization of existing HVAC systems to enhance efficiency and compliance with current standards.
- Retrofit solutions to incorporate the latest technologies and improve system performance.
- Ensuring all HVAC systems meet international maritime regulations and standards. Expertise and Capabilities.
- We worked on Aeron, Novenco & Johnson control units.



HVAC

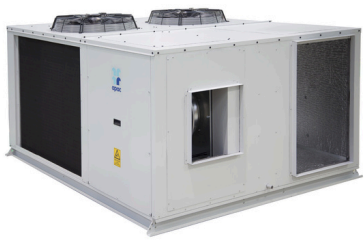
MARINE HULL FITTING

- Construction and installation of bulkheads, decks, and other structural elements.
- Precision welding and cutting to ensure structural integrity and durability.
- Installation of HVAC, BWTS systems, & mechanisms, and other essential machinery.
- Integration of HVAC (Heating, Ventilation, and Air Conditioning) systems to maintain optimal onboard conditions.
- We worked on Aeron, Novenco & Johnson control units.
- Design and installation of piping for fuel, water, and other essential fluids.
- Ensuring compliance with safety standards and efficient flow management.
- Installation of electrical wiring, lighting, and control systems.
- Integration of advanced automation for operational efficiency.
- Design and installation of crew and passenger living quarters.
- Fitting of galleys, mess areas, sanitary facilities, and recreational spaces.
- Installation of fire detection and emergency alarms.



HVAC

PRODUCT WE SUPPLY



Low-Noise Rooftop Units



Duct



Axial Fan



Blower



Water Chiller



Condensing Unit



Mushroom Hood



Marine Fire Damper



Marine Air Handling Units (AHU)

MECHANICAL

MECHANICAL & MAINTENANCE

- Overhauling of air compressors, centrifugal and screw pumps, any type of valves.
- Overhauling of low, medium and high speed marine and industrial engines of different make such as MAN, B&W, YANMAR, WARTSILA, DAIHATSU, CATERPILLAR, CUMMINS, etc.
- All types of Fabrication like pipe lines, ship side plate renewal, tank plating renewal, engine room bulk heads and plating renewal, etc.
- Repairing of different hydraulic control systems in ships & industries.
- Design & Fabrication of Ventilation & Air Conditioning Ducting.
- MAIN ENGINE DECARB.
- Engine room bilge cleaning, sludge tank cleaning, cement tank cleaning, Cargo hold of ship etc.



OUR PROJECTS

**Indigo Seaways Pvt Ltd. (Detox Group)
Voyage Express (RoRo Ships)**

Turnkey Projects for complete power & control cable laying of CCTV, galley, gaming & solar system & navigational equipments, control & power distribution panel supply, installation & commissioning.



**L&T Shipbuild Shipyard Chennai (L&T Defence)
INS Shakti**

The job included Navigational, Signaling and Search Lights control panels overhauling, Fire bell control panels overhauling, UPS overhauling, rectifiers & convertors overhauling, Galley & laundry inspection and repair, replacement of contactor control panels defective parts, Auto/Manual change over switch, cable laying & termination job etc.



**Great Eastern Shipping Company
Jag Vikram (LPG Carrier)**

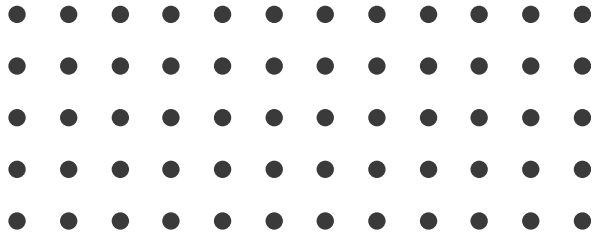
1 MegaWatts alternator rewinding during sailing. Generator & switch boards control checking, Laser alignment & Load test of alternator.



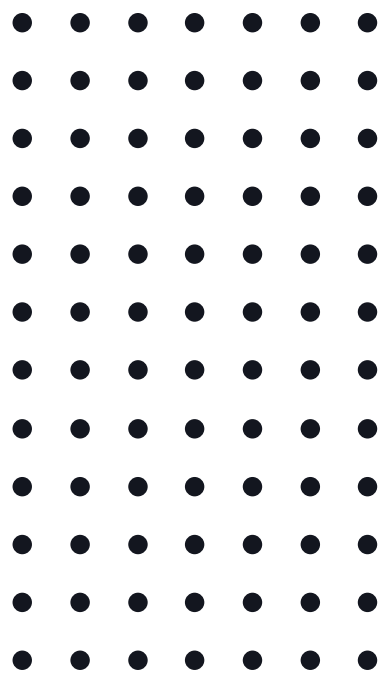
MSC Fedrica

ALFA LAVAL BWTS removal and re-installation.





SKYTEC®
Engineering Services



CONTACT US



WORKSHOP ADDRESS

Plot No. 262, New Sonapur Lane,
Darukhana, Reay Road, Near Britannia
Ind., Mumbai -10, Maharashtra.

REGISTERED OFFICE ADDRESS

201, Heena Park, Near Momin Petrol
Pump, Shil-Mahape Road, Thane,
400612, Maharashtra, India.



sales@skytecengg.com
services@skytecengg.com



+91 98670 09616
+91 74004 60284
+91 98921 10930



www.skytecengg.com