**ABOUT US**


Company is managed by highly qualified and experienced Management team of Engineering and Business Professionals having more than 25 years of field experience.

We are the solution providers for onshore and offshore Oil and Gas field upstream needs. We Engineer, manufacture and certify Offshore structures, Accommodation Modules, Process Platforms, Process Equipment Modules for Drilling, well testing, well servicing, well maintenance and production facilities to international code, standards and specifications.

We do provide Engineering, Fabrication and Project Management Support for Power, Process, Petrochemical and Nuclear Projects.

We support for product development, research support for core interests of Institutions, Private, Public Sector Companies and aspiring individuals who want to fulfill their dreams.

We have a network of experienced Faculties, Professors, Scientists and Engineers from renowned Institutions and Facilities Globally to support this activity.

We Design, Manufacture and certify API products for Upstream High Pressure and High temperature Equipment skids and provide Oilfield Rigs Design, Manufacture and refurbishment support services at our Free Zone Facility, Sharjah, UAE.

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**WE REPRESENT**

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<th>DPIR Derwent Burner</th>
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<tr>
<td>SMARTSITE Pitless Mud Management System</td>
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<td>FLOWMETRICS Flow Management</td>
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<td>PETROTECH Level Instrumentation</td>
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<td>TATA Welding Electrodes</td>
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ENGINEERING AND DESIGN SERVICE

we are engineering based product manufacturing company. we provide multi-discipline engineering expertise from our engineering units based in Sharjah, our associates in Baroda and Chennai. Our core engineering expertise include process, mechanical, piping, instrumentation, electrical, automation, fire and gas, structural, architectural, HVAC, hydraulic and pneumatic systems for on/offshore oilfield, Process, Power and Petrochemical Industries.

Our expert Engineering team provides products feed, design and modeling in compliance with international standards, like ASME, ISO, BS, AISC, ANSI, ABS, DNV, LRS, ATEX, PED, ISO, API etc. All our engineered products are certified by international certification bodies like, Lloyds, DNV GL, ABS and BV.

IN HOUSE CAPABILITIES

- Conceptual Design
- 3D Modeling
- Process Design
- Skid, Vessel and Piping Design
- Structural Design and Analysis
- Design, Selection of Valves, Control,
- Electrical and Instrumentation
- Process & Instrumentation Diagrams
- Material Take-off
- Technical Specifications and Data Sheets
UBD/MPD PACKAGES
We provide best designed packages for UBD/MPD services. The unit includes choke manifolds, separators, pump skids, metering skids, piping, flare, control cabins and power distribution skids. These packages can be of skid / trailer mounted based on off / on shore, operational and service needs of the wells.

MUD SYSTEMS
We design, manufacture, install and commissioning of complete mud plant systems. We have years of experience in providing engineered, customized mud plants specific to project and functional requirements. we regularly supply trailer mounted tanks to various oil field service companies globally.

PITLESS DRILLING
• Pitless drilling applications
• Drilling mud solids control and management
• Full dewatering services on either a stand-alone basis, or as part of rig support
• Oil recapture from drill cuttings
• Barite recovery
• Drill solids encapsulation

DRILLING MANIFOLDS
We design, manufacture Drilling manifolds for pressure ratings between 5,000psi and 15,000psi. All our manifolds skids are with DNV certification, compliant with NACE MR 0175/ISO 15156 and API 6A requirements, integrated with multi-station ESD system to perform remote emergency control operations of flow line valve on the flow head and surface safety valves simultaneously.
WELL TEST PACKAGES

Our Engineered well test packages are designed to meet the basic requirements of operability, accessibility, maintainability, quality, safety of the equipment and environmental requirements during its service. Our packages are designed as easily transportable modules and put on service quickly. Offshore service units are mounted on transportable, DNV certified skids. Onshore package is skid mounted or a Trailer mounted, depending on service provider requirement.

**Equipment package consists of**

- 3inch 10Kpsi Surface Safety Valve and ESD system
- 3inch 10Kpsi 4/5 valve Choke Manifold and Data Header
- 3inch 10Kpsi 4MMBtu Steam Exchanger and Steam Generator
- 3 inch 5/10Kpsi 2/4MBtu Indirect Water Bath Heater
- 1440/2160psi 42” x 10’ / 48” X 15’ 3 Phase Separator
- 50psi 50BBL / 80BBL / 100 BBL twin compartment Surge Tank Skid
- 3000 BPD / 5000BPD 150psi Centrifugal transfer pump Skid
- 1440 Psi Oil and gas diverter manifolds
- 10,000 BPD 3 head burner
- Burner Boom /King post / Burner head
- Pipework with DNV certified pipe rack and Basket
- 20 ft. Zone 1/II, A60 rated, DNV 2.7-1 & 2.7-2 Certified Office with Data Acquisitions system

**ADDITIONAL PACKAGES**

- 1440 Psi 42” x 15ft Separators Skid
- 100 BBL, 250 Psi Twin compartment Surge tank Skid.
- 2000 Psi 42” x 12ft High Pressure Separator Skid
- Metering Skid.
- 5,000 & 10,000 BPD Centrifugal Transfer pump Skid
- 3,000 & 4,000 BPD Transfer pump Skid.
- 15,000BPD Onshore Burner heads with ignition systems.
PROCESS EQUIPMENT PACKAGE

Based on our strong in-house expertise, we can engineer, design, fabricate and deliver variety of Process Equipment Packages which will be certified according to oil field service companies standards, International Codes and standards requirements.

- Oil and Gas Metering Skid Packages
- H2S Scavenger Skid Package
- Chemical Injection Package
- Multi Select Manifold Skids
- Gas Conditioning Skids
- Oil Treater Package
- Oil Service Package
- Wellhead Maintenance Service Package
- Sludge Refining and Treatment Package
- Well stimulation Package
- Pressure Vessels for Process Plant
PRODUCTION/ EPF FACILITY

We design and manufacture Crude Oil Production / Early production Facilities of 5,000 / 10,000 / 25,000 and 40,000 BOPD in capacities. To process separation, heating, dehydration, stabilization, storage, metering and pumping of crude oil to storage tanks. We provide the following equipment as part of the Facility.

- Manifolds
- Water Bath Heaters
- Separators
- Degassers
- N2 Strippers
- Electrostatic De-Salters
- API Storage Tanks
- Knock Out Drums
- Flare Packages
- Chemical Injection Skids
- Crude Oil Stabilizers
- Transportation Tanks
- Metering Skid Packages
- Pumping Skids
- Heat Exchangers

Gas Compression and Dehydration Facilities:

We design and manufacture Gas compression packages and Natural Gas Treatment Packages. Gas compression package are to remove natural gas from the oil and to increase the temperature of the gas during compression. Gas dehydration process to treat Natural gas by using either a liquid desiccant or a dry desiccant in desiccant dehydration to removes water from natural gas. Our Gas Compression and Dehydration Packages includes:

- Gas Compression Skids
- Gas Dehydration Units
- Gas Sweetening Units
- Amine Treatment Units

Produced Water Treatment Facilities:

Our Produced water Treatment Package are designed and manufactured based on optimized produced water management, quality levels, production forecast, design, build and operational limitations. We provide engineered solutions to meet client requirements for handling, production, disposal and enhanced oil recovery in compliance with high quality standards. Our Produced Water Treatment Package includes:

- Hydro cyclone Separation Skids
- Gas Floatation Units and IGF Vessels skid
- Degassers Skids
- Coalescer Filters Skids
ONSHORE / OFFSHORE / API PRODUCTS

- A60 ATEX Zone 1 & 2 Cabins complying to DNV 2.7-1, DNV 2.7-2 and ATEX, including compliance with SOLAS/IMO regulatory requirements.
- Offshore building modules / Living quarters
- Control / Switchgear rooms

API CERTIFICATIONS PLANNED

- API Spec 16A – Drilling Spools, Adaptors, Loose Connections.
- API Spec 7-1-Kelly Valves, Kelly’s, Drill stem subs, Drill collars.
- Heavy weight Drill Pipes, Threading for rotary-shouldered connections.
- API Spec 6A – Casing and tubing heads, Cross over connections.
- Tubing head adapters, Top connectors, Tees and crosses and spacer spools.
- API Spec 5CT- Manufacture of Casing or Tubing pup joints, Tubing, Couplings.
- API Spec 4F onshore / offshore Rg Manufacturing
PRESSURE AND PROCESS VESSELS

Planet Blue Energy can design and fabricate all process and pressure vessels in accordance with International Standards and Code Requirements. PBE is in a process of qualifying the shop for ASME ‘U’, ‘U2’, ‘R’ and NB Certifications. All process and pressure vessels required for our process equipment skids are designed by PBE and get it fabricated through approved vessel manufacturing sub contractors under the strict supervision and quality control process of PBE. All process and mechanical design, detailing for the process and pressure vessels are carried out through PBE inhouse design facility.
HEAVY STRUCTURAL / TANKS / PIPING

Planet Blue Energy is capable of designing, manufacturing, testing and painting of High / low pressure piping. Structural skids, platforms, workshop cabins and lab cabins. Piping will be designed and manufactured in accordance with API/ ASTM B 31.1/31.3/API1104 requirements. Structural skids are designed and manufactured in accordance with DNV 2.7-1 and AWS requirements. We also design and manufacture, pipe racks, mud plants, storage tanks, pumps skids as per the API requirements.
QHSE

QUALITY POLICY STATEMENT

The company is dedicated to the quality policy that will ensure that its products and services fully always meet the requirements of its customers. The goal of the company is to achieve a high level of customer satisfaction at all times. Commitment to the implementation of supporting managerial and business operational systems is essential to realize that goal. Planet Blue Energy believes in the concept of client and supplier working together in pursuing this policy and in continually striving for improvements in service quality.

OUR QUALITY POLICY IS BASED ON 3 FUNDAMENTAL PRINCIPLES:

1. Ensuring that we fully identify and conform to the needs of our customers.

2. Looking at our service provision processes, identifying the potential for errors and taking the necessary action to eliminate them.

3. Everyone understanding how to do their job and doing it right first time.

To ensure that the policy is successfully implemented, staff will be responsible for identifying customer requirements, and ensuring that the correct procedures are followed to meet those requirements.

Objectives needed to ensure that the requirements of this policy are met, and that continual improvement is maintained in line with the spirit of the policy, will be set, determined and monitored at Management Review.

The quality policy principles and objectives will always be communicated and available to staff. Training will be an integral part of the strategy to achieve the objectives.

Within this Policy we are committed to operating our Company under the disciplines and control of a Quality Management System conforming to the International Standard ISO 9001:2015, and we will maintain the necessary Quality Approvals consistent with our customer requirements. Our Company will constantly review and improve on our services to ensure tasks are completed in the most cost effective and timely manner for the benefit of all our customers.

We shall ensure that all our personnel understand and fully implement our Company’s policies and objectives and are able to perform their duties effectively through an ongoing training and development program.
CONTACT US

**SHARJAH OPERATION**
Plot No.: SC-18, P.O. Box: 51798, Hamriyah Free Zone – 2, Sharjah, UAE.

**NIGERIA OPERATION**
Plot No.: 3, Army Shooting Range, Igwuruta, Port Harcourt Rivers State, Nigeria.

www.planetbenergy.com
info@planetbenergy.com
00971 567151530