

RC:973460

YBS ENERGY LIMITED

Importer and Exporter of Petroleum Products, General Contractors and Suppliers.


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LIMITED
Importer and Exporter of Petroleum Products,
General Contractors and Suppliers.



About US

YBS ENERGY LIMITED is engaged in diversified services for Nigeria, US East Coast and East Asia. Our primary business involves buying, selling and transporting petroleum products.

We are also involved, Construction & Engineering Services, Consultancy Oil Reclamation & Recycling (Monarch Environmental), Health & Safety Training, & Infrastructure Financing (AXXIS Financial & Pacific Global Equities)

With trained, certified, experienced personnel, YBS ENERGY has the capacity and expertise needed to meet the client's every service requirement on time and on budget. From scheduled maintenance to plant turnarounds to emergency response. We are committed to Safety, Quality, Delivery, Cost, Morale and Environment. As an ISO 9001:2008 certified company ourselves, we understand and remain highly committed to the quality, consistency, and excellence demanded by industry-wide standards.



Since inception, YBS ENERGY has been guided by a firm philosophy that a company's main asset is the measure of trust that can be built with both suppliers and clients. Through this trust, reliability and confidence has enhanced it commitment to corporate excellence in all aspects of operations. Sound operational policies, a management team philosophy and the fostering of relationships with clients, suppliers, business partners and staff, collectively support YBS ENERGY 's ability to meet client requirements.

History

Thought it piloted its business with buying, selling and transporting petroleum products the company diversified its activities in line with the country's growth requirements and achieved tremendous success in its specialty of civil, mechanical and electrical engineering and contracting, particularly in the oil and gas sectors. The diversity of YBS ENERGY has contributed to a solid reputation in fields of:

- **Oil & Gas, Petrochemical**
- **Energy & Power**
- **Infrastructure, Engineering & Construction**
- **Telecommunications**
- **Safety & Environment**

Organization

YBS ENERGYis managed by professionally qualified and pro-actively motivated personnel of different nationalities to achieve set objectives in a professional manner. Further advancement and growth in management system is continuously imparted through specialized training programs sponsored by the company from time to time both in-house & through external agencies. The company provides excellent working environment to achieve high productivity with safety and quality. Effective bilateral communication in the organization provides the people with an understanding to achieve overall project schedule with highest quality as a common goal.

At present the company employs a permanent multi-disciplined workforce of over 3800+ engaged in major mechanical, civil and electrical & instrumentation engineering and contracting works, its leading position has been achieved over 38 years of entrepreneurial experience in contracting and trading fields.



Our Services

- Engineering Services
- Maintenance Services
- Fabrication Services
- Special Services

Our Services



ENGINEERING SERVICES

- Civil Engineering
- Structural Engineering
- Mechanical Engineering
- Electrical Engineering
- Instrumentation Engineering
- Low Current Engineering



Our Services

Civil & Structural Engineering

YBS ENERGY has been actively involved in civil engineering and construction projects for industrial plants and commercial residential buildings. From the beginning, Civil and Structural Engineering performed well, reaping the benefits of a rapidly growing construction sector. YBS ENERGY has broadened the scope of work in the construction industry, branching off into specialist disciplines including infrastructure work, pre-cast and pre-stressed concrete structures, sub-stations, pumping and power stations and reservoirs; each independent in function, yet all forming the core of activities. Additional specialist activities include:

- **Conventional and pre-engineered steel structures**
- **Carpentry and Joinery**

Mechanical Engineering

By focusing on supporting the ever-increasing need for expert mechanical engineering services, YBS ENERGY carries out EPIC projects in the areas of pipeline engineering, storage tank construction, plant assembly, scheduled and unscheduled maintenance and plant shutdown services. Supported by its own comprehensive fabrication facilities, YBS ENERGY also undertake diverse mechanical engineering works. Backed up by a quality control and quality assurance inspection team YBS ENERGY ensures that all works complies with international standards and codes of practice.



Our Services

Electrical Engineering

Exploring opportunities in cooperation with international companies, YBS ENERGY is an active participant in numerous, substantial projects. Electrical Engineering carries out both industrial and domestic works including LV/HV power installation, Installation, Testing and Commissioning of Cathodic Protection System, Comprised of Internal Current Anodes, Junction Boxes, Splice/Terminal Boxes, CP Band Holes, Cables and Conduits. Cable laying and jointing and sub-station installation.

Instrumentation Engineering

Synchronous to the Electrical Engineering, Instrumentation Engineering was established. Instrumentation engineering covers a wide array of maintenance, overhauling, testing, calibration and certification of all types of instruments, including safety, ESD, and control valves; PLC's DCS / SCADA Systems, and installation and pre-commissioning of turnkey projects. A team of professional & highly skilled technicians, specializing in oil, gas and petrochemical plants, power and desalination plants, supports companies' operations.

Our Services



Low Current Engineering

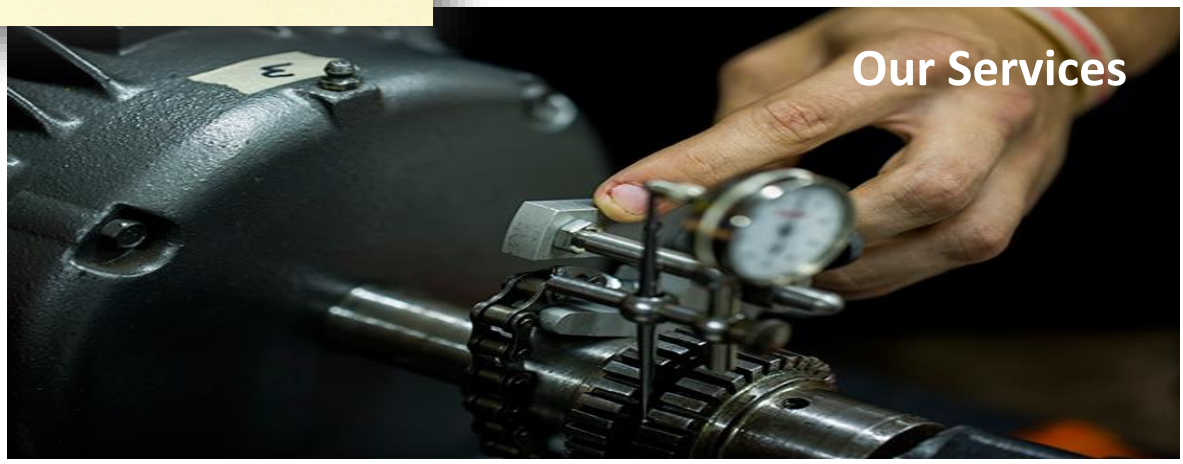
As a core business component, YBS ENERGY markets Low Current Systems in the area, devoting special attention to computing, electronic, communication, supply and installation. The Low Current Engineering Department is formed from the best engineers and technical support staff in the industry. YBS ENERGY ' recognize these engineers as the backbone to its business and have invested in a professional engineering environment with the latest technologies in the fields of Telecommunication, Fire Alarm, Building & Home Management System, Closed Circuit Television, Public Address System, Network and Telephone System, and Broadcasting System. The goal is to deliver best powerful, flexible solutions that help companies and end users achieve an effective balance between performance and investment.

Our Services



MAINTENANCE SERVICES

- Shutdown Maintenance
- Industrial Maintenance
- Valve Maintenance
- Traffic & Highway Maintenance



Maintenance Services:

Industrial Maintenance

For more than 30 years, YBS ENERGY has supported a solid client base by offering a 24 hour call out service for industrial maintenance.

Work in this field includes:

- Internal cleaning & re-tubing of exchangers and furnaces.
- Maintenance of Pumps.
- Overhauling of all Valve Types.
- Spading/de-spading and rigging services for routine maintenance/shutdown works.

Shutdown Maintenance

Our Team consists of well experienced, highly qualified and dedicated work force and with highly sophisticated equipment.
Nature of works: Major shut down jobs in Oil & gas plants, Petrochemical industries.
How we work: Do any kind of shutdown & overhaul works in very safe, efficient, well in advance & to entire satisfaction of our clients.
YBS ENERGY provides complete team for Plant Shutdown Services for Petrochemicals, Chemicals, Fertilizers, Oil & Gas industries, Power sector etc. Plant Shutdown Team provides services for following Area:

- Mechanical Maintenance(Rotating and Stationery Equipment)
- Industrial Cleaning Services
- Valve Maintenance Services
- PSV Removal and Reinstallation Services
- Insulation/ Refractory Repair Services
- Electrical Maintenance Services including Relay and Protection, Substation Maintenance, MCC, Transformer and Field Electrical Etc.
- Instrumentation Maintenance - Field Instrumentation, DCS, PLC, ESD etc.



Valve Maintenance Facility

01 Flat Cast Iron Lapping Block
02 Surface Plates
03 Lapping Compounds
04 Diamond Polish
05 Test Rig with N2 Cylinders for tightening/testing of safety relief valves as per API527
06 Hydro testing equipment as per AP1598
07 Dead Weight Tester
08 Welding Equipments
09 Blasting & Spray Paint Equipment
10 Machining Equipment
11 Rubber Lining for Butterfly valves
12 Compressors
13 Pressure recorders
14 Pressure Gauges
15 PSV Test Benches (Ventil)
16 Portable test rig with regulator
17 Digital pressure gauges (Druck)

Traffic & Highway Maintenance

In the field of Traffic & Highway Maintenance, asides the construction and rehabilitation works we also have a standard for road marking and street furniture and this reflects our capability and commitment to quality in roads, airports and car parks.

Activities involved are:

- Supply and application of thermo-plastic and cold paint road markings
- Traffic signals/Controllers/Remote monitoring
- Supply and erection of traffic signs
- Provision and installation of highway safety products
- Supply and installation of road studs
- Supply and fixing of ceramic markers
- Manual and automatic traffic surveys
- Fencing and road barriers.

Our Services



FABRICATION SERVICES

- **Structural**
- **Piping**
- **Pressure Vessels / Tanks**
- **GRE Piping**

Fabrication Shop:

Most modern workshop facility is available for fabrication/manufacturing of ASME "U", Pressure Piping "PP" and "S" Stamped Pressure Vessels, Process Columns & ASME Sec. I Power Boilers besides various types of engineering products, such as fabrication of piping spools, pipe supports, Process equipment including Separators, Scrubbers and Heat Exchangers. The workshop is supported by segregated storage yards, central blasting and painting yard, electrical and maintenance workshop.

The highlights of major workshop equipment are as follows:

- Column and Boom SAW Welding Machines with joint tracking system.
- Rolling machines upto a capacity of 6.2 M Dia x 40 mm thickness.
- Sufficient Overhead Crainage (30 T).
- CNC Profile Cutting Machinery for Carbon Steel cutting upto 180 mm.
- Plasma Cutting Machines for SS cutting.
- Welding Rotators and Positioners upto 30 Tons Capacity

Our Services



SPECIAL SERVICES

- Chemical Cleaning
- Hydro-jet Cleaning
- Heat Exchanger Re- Tubing
- Cold Cutting
- Bolt Tightening / Tensioning
- Heat Treatment
- NDT Services
- Scaffolding
- GRE Piping
- Insulation
- Blasting / Painting
- Instrument Calibration

Our Services



Industrial Contracts Division.

Overview:

YBS ENERGY is one of the major Engineering, Procurement and Construction Contracting companies in the Nigeria with a diversified range of business in Oil and Gas, Petrochemicals, Power, Pressure Equipment Manufacture, Repair, Maintenance and other industrial services including Heavy Engineering works. YBS ENERGY is involved in EPC construction of Piping and associated interconnecting piping works, EPC construction of Storage tanks (API 650,620 & AWWA), Engineering, Manufacturing & Supply of Major Pressure Vessels, Columns, Boilers and Process Equipment in strict conformance with stringent International Codes & Standards like ASME Sec. VIII Div. 1, Sec. I, BS 5500 (PV5500) etc. YBS ENERGY also undertakes Engineering, Manufacturing and Supply of Shell & Tube type Heat Exchangers in full compliance with TEMA “R”, BS5500 besides Power Piping & Process Plant Piping as per ASME B31.1, 31.3, 31.8 & 31.4.

Our Services



Industrial Contracts Division.

YBS ENERGY's highly experienced & dedicated engineers undertake all engineering activities viz. from concept to commissioning related to the following operations with a very high level of professionalism:

- Oil and gas facilities development, operation & maintenance associated with process plants, refineries, gathering centres, tank farms and major pipeline work.

- Heavy Engineering fabrication work associated with Major Pressure Vessels, Process Columns, Tanks, Boilers, Heat Exchangers and other mechanical equipment for various Process Industries.

- Engineering and technical services/supplier for oil and gas facilities.

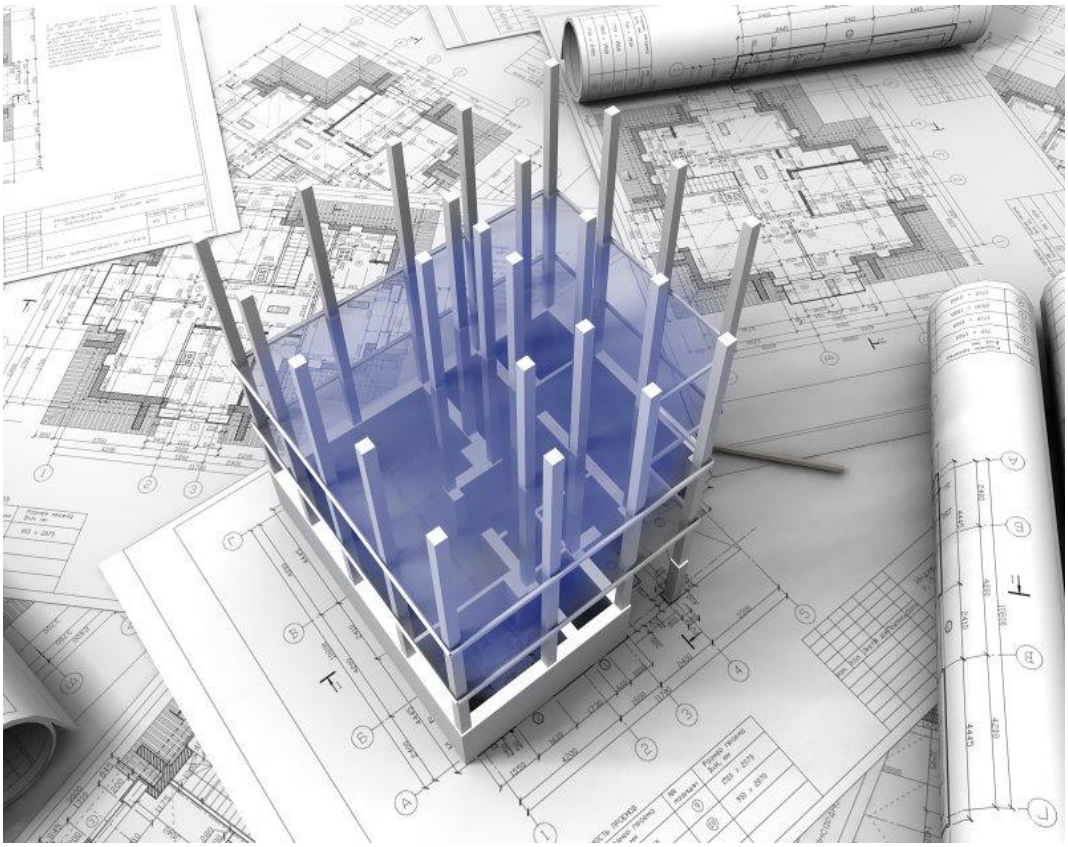
- Inspection services in various disciplines (Mechanical, Civil, Electrical and Instrumentation).

- EPC Construction of On-Shore and Offshore Piping.

Facilities

- Design, Engineering and Technical services
- Fabrication shop equipped with most modern machines & equipment
- Protective Coating Services
- Construction equipment operations
- Quality Control and Inspection services
- NDE and Heat Treatment services
- Offices and camp facilities.

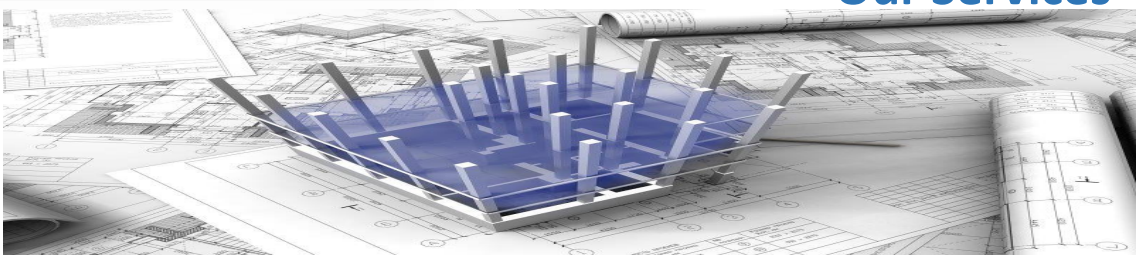
Our Services



Design, Engineering & Technical Services:

YBS ENERGY provides multidiscipline engineering and technical services associated with process, civil, mechanical, structural, electrical, instrumentation work of world class engineering standards using state-of-the-art latest industry standard Engineering software. The core objective of this Engineering department is to meet the demands of in-house engineering requirements as well as market requirements of Design & Engineering work on day-to-day basis. The department is fully equipped with computerized network and highly qualified & experienced professionals in Process, Civil & Structural, Mechanical, Electrical & Instrumentation Engineering fields. The technical library attached to this department contains all National and International Codes & Standards, Technical books, Periodicals, Bulletins, Manuals, Advanced Design research published papers, Design & Engineering handbooks required for the company operations with high quality error-free engineering outputs.

Our Services



The department possesses state-of-the-art latest engineering software licenses like:

STAAD Pro:
Design & Analysis of all structural matrixes conforming to all engineering standards (British, American, Indian, Japanese, Australian etc.)

CAESAR II:
Flexibility & Stress Analysis of complex Piping system as per ASME B31.1, 31.3, 31.4, 31.8.

AutoCAD 2010:
Design & Intelligent Drafting of Piping isometrics with automatic generation of Material take-offs.
AutoCAD 2010 along with exhaustive list of enabling software for quick drafting (Auto-lisp programs) are being used for all engineering drafting work by our highly skilled & experienced drafting team of multinational origin.

Design & Engineering and Technical Services wing of YBS ENERGY is fully capable of undertaking the following engineering activities:

- Design & Engineering of ASME Pressure Vessels.
- Design & Engineering of ASME Process Columns
- Design & Engineering of Boilers as per ASME Sec. I
- Design & Engineering of ASME/TEMA Heat Exchangers
- Design & Engineering of U/G Fuel Tanks (BS 2594)
- Design & Engineering of Technological Structures
- Design & Engineering of Civil Foundation of Technological Structures & Heavy Equipment manufactured by us
- Design & Engineering of Process Piping ASME B31.3, 31.4, 31.8 & 31.1 (Power Piping).
- Flexibility & Stress Analysis of any Piping System and its suggestive support system.
- Design & Total Engineering on Turn-key concept of GRE Piping both Underground & above ground.

The department also undertakes all detail engineering work on man-hour basis based on availability of excess trained and experienced manpower.

Our Services



Construction Equipment Operations:

Major construction equipment required for various project sites are owned and maintained by YBS ENERGY. Plant and Equipment Services department carefully examines the logistics regarding the requirement of equipment for every project and organizes the same judiciously. Specialized equipment required for heavy lifts are hired locally. Well maintained equipment, manned with highly skilled operators are provided to meet the safety requirements. Machines are demonstrated to perform in an optimum condition while on the job training to its operators are imparted by the equipment manufacturer from whom the equipment are purchased. The record for all preventive and breakdown maintenance is maintained for effective operation. Automated tracking keep equipment in good condition for rapid mobilization. Equipment certification and safety records verify reliability at each project site.



Quality Control and Inspection Services:

Our QA/QC & Inspection Department has the capability to provide various types of Inspection and testing services to clients with such needs.

Working with our strategic partners we have access to most modern testing equipment and highly skilled and experienced NDT Technicians, Inspectors and Inspection Engineers.

Some of the major services we can provide in this area are:

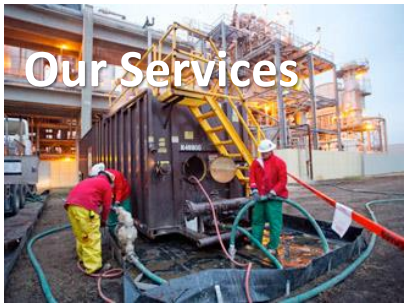
- Radiographic Examination
- Ultrasonic Examination
- Magnetic Particle Examination
- Liquid Dye-Penetrant Examination
- Alloy Verification of Steel
- Hardness Test of metal
- Painting & Coating - Thickness Check, Holiday Test, Adhesion Test etc.
- Supply of Inspection Engineers, Inspectors & NDT Technicians.

QA/QC & Inspection provides World Wide Vendor inspection services through our associates.

Further QA/QC & Inspection Services provides Heat Treatment Services such as Pre-Heating and Post Weld Heat Treatment using electrical resistance method. Further, YBS ENERGY has a fully computerized electrically heated furnace to carry out shop heat treatment of large assemblies, vessels etc.

QA/QC & Inspection functions as an independent inspection agency for in-house jobs. QA/QC & Inspection Department develops inspection and test plans and control procedures for all Industrial Contracts Division projects in line with the applicable Codes and standards and client's specification.

QA/QC & Inspection monitors as well as carries out all required stage-wise inspection and testing right from procurement stages to final release of an engineering product to client to ensure the quality of the products / services provided by us fully comply with the customers' requirements and statutory regulations.



CHEMICAL CLEANING

YBS ENERGY offers a pro-active approach to Chemical Cleaning. Our most up to date chemical cleaning technologies to remove residual oils, corrosion products, water hardness deposits, and other foulants from industrial process equipment. With our "flawless execution standards", provides our clients with guaranteed results.

HYDRO-JET CLEANING

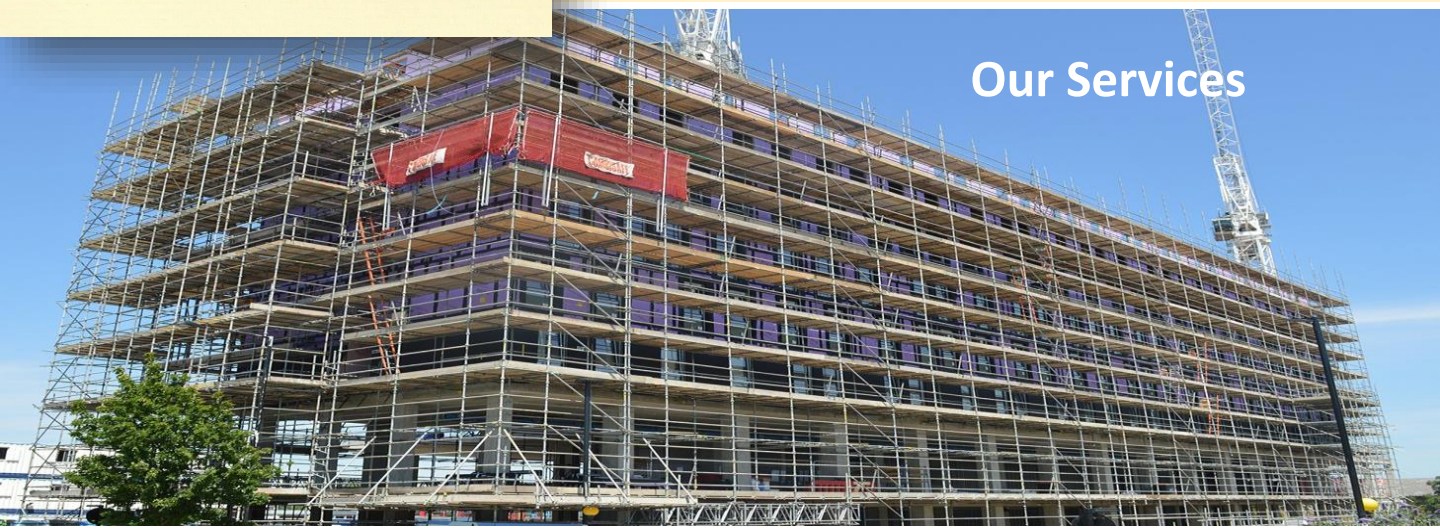
Hydro-jet cleaning (Hydro blasting / high pressure washing) is the most common industrial cleaning application; YBS ENERGY offers you expertise in both conventional and technologically advanced hydro blasting applications. Our customized systems use various media at varying pressures and flow rates to clean surfaces, process equipment, heat exchangers and other industrial vessels. We can apply hydro blasting to virtually every process configuration to efficiently remove foulants and other built-up materials. Our team matches the right equipment, specialty systems, and personnel to your exact needs and specifications.

HEAT EXCHANGER RE-TUBING

Our expertise extends to Re-tubing of Heat Exchangers & Condenser Tubes, Tube & Tube Sheet Expansion, Tube & Tube Sheet Joint Welding (TIG). YBS ENERGY specializes in high production re-tubing tooling packages, technical assistance, planning, specifications, procedures, support and turnkey services to the level and circumstances necessary for the particular project. Our support is keyed to making the most effective use of the time and other resources available, and is focused on mitigating schedule, performance and quality risks. We have built up a very talented / skilled team who have taken up time bound & critical jobs. We are geared up with all latest tools tackles like tube pulling system, automatic torque expansion system, tube wall reducer, tube installation tools, tig welding set, etc.

COLD CUTTING

We offer a cost effective and safer alternative to hot cutting methods by using high pressure water jets mixed with abrasive, capable of cutting material of virtually any grade or thickness. By using abrasive water jet cutting, it means that there's no need for degassing, and the surface is left already prepared for re-welding – saving you precious time and money. YBS ENERGY has gained a wealth of experience on decommissioning, shutdowns, demolition, and salvage projects over the past twenty five years. This along with our excellent safety record, state-of-the-art equipment, and dedication to customer care, makes us leaders in our field.



Our Services

SCAFFOLDING SERVICES

Our scaffolding Services provides high quality scaffolding and access solutions for offshore, onshore and industrial projects. We have the experience, expertise and resources to plan, implement and oversee a wide range of scaffolding work, from private residential through to high profile commercial projects. We will ensure that work is carried out to exceptionally high standards, on schedule and within budget. Our Scaffolding team has demonstrated its flexibility by meeting the needs and ever-changing schedules of their customers. Refurbishment and maintenance contracts continue to be at the forefront.

BOLT TIGHTENING / TENSIONING

We provide on-site hydraulic bolt tightening services, from a simple bolt-up of a single flange connection or to maintenance and major-shutdown site services; we utilize only the best equipment and tools and employ only the most experienced engineers available in the industry. Our Torque Tools cover various ranges of sizes and various Torque capacities with manual and hydraulic equipment. We also offer a range of Low-height Ratchet Torque Tools that can be utilized in confined spaces or areas with restricted clearance where a socket and conventional square-drive tool would not fit. All our Torque Tools are tested and supplied with applicable test or calibration certificates. We provide Hydraulic Torque Tools with both air and electricity-driven power packs which can be used within hazardous environments such as petrochemical plants,off shore platforms etc.

INSULATION SERVICES

YBS ENERGY provide design, fabrication and installation service for every type of industrial and commercial insulation project. We will custom fabricate insulation for every project type, Our professional insulation team and experienced field supervisors are dedicated to providing exceptional service, with a proven track record in completing projects to specification, on time, and within budget.

Our Services



Bolt Tensioning:

Hydraulic Bolt Tensioning offers the quickest, safest, most accurate means of applying a specified residual load to stud bolts. It can be used to easily achieve an accurate and predetermined bolt loading in a single, simultaneous operation, providing the uniform gasket compression essential for the integrity of critically bolted connections in a wide variety of top-side applications such as:

- Pipeline flanges
- Heat exchangers
- Pressure vessels
- Compressor covers
- Boiler feed pumps
- Anchor bolts.

YBS ENERGY has substantial experience in providing precise calculations of the correct bolt load to be applied; ensuring and accurate residual load is imparted to bolts, no matter which simultaneous tensioning procedure is used.

NDT SERVICES

Our non-destructive testing (NDT), inspection service focused on supporting mechanical integrity and inspection programs for clients in the Petrochemical, Refinery, Pipeline, whether they be managing large-scope turnaround projects, balance of plant programs, or time-sensitive callout jobs. We are committed to providing a safe and healthy work environment.

Our Services



BLASTING & PAINTING SERVICES

YBS ENERGY has the capability to provide painting and blasting services both onshore and offshore. Consumables utilized are to customer specification. We provide Epoxy brush painting services which are widely preferred in petrochemical refinery and fertilizer industries. The system is helpful for different coatings such as maintenance, structural and floor. Due to the speedy curing at room temperature and excellent toughness & abrasion resistance, resistance to heat, oil, alcohols acid & salty weather, the system provides painting in aircraft finishes, transport finishes and chemical industries. We also provide Airless Spray painting services to various industries. In spray painting, airless paint sprayers are used which is specially designed to paint large surface within short span.

INSTRUMENT CALIBRATION SERVICES

We provide commercial instrument calibration and test equipment repair services for a wide variety of measurement and test equipment. Our laboratory currently provides quality instrument calibration and test equipment services to manufacturing, petrochemical, service, testing, engineering companies. On site instrument calibration services are available for most technical measurement parameters the laboratory supports. We have staffed with highly trained experts and the calibration capabilities to meet the needs of virtually every industry.



OUR HSE POLICY

YBS ENERGY considers health, safety and environment affairs to be fundamental and integral part of its operations having a direct impact upon its business processes include EPIC of Civil, mechanical including Shut down maintenance, Piping, Structural steel fabrication, erection, Manufacture, servicing and pressure testing of valves and vessels at workshops, Oil & Gas installations and Petrochemical complexes at both onshore and offshore locations.

YBS ENERGY shall achieve the above policy by:

- Complying with applicable legal and other requirements
- Prevention of pollution and ill health
- Setting up effective and efficient engineering controls that minimize the incidents and pollution
- Adopting 3R methods to reduce its wastages in project, workshop and other locations
- Continually improving the HSE performance, and
- Taking into the account of health and safety of all its employees and other interested parties who may be affected by its business.

HSE Management

A sensible approach that sets the framework for achieving the management goal and objectives by setting up a structured HSE management system with essential elements and methods which should enable internal and external evaluation for further development and continual improvement is the desired factor in any HSE Management Program.

HSE management system framework and key processes, which support the HSE expectations to be adopted by all YBS ENERGY employees, are emphasized. These stressing factors encompass the complete spectrum of health, safety and environmental risk management.

YBS ENERGY shall provide an effective management to fulfill the HSE expectations of it's clients and business partners, to improve it's liability profile, to attain a distinctive leadership position in our ongoing business field and build up its reputation.



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