



# **OBMAC**

**FIELD SERVICES LTD**

RC: 1075689



## ***CORPORATE PROFILE***

[www.obmac.com.ng](http://www.obmac.com.ng)  
[info@obmac.com.ng](mailto:info@obmac.com.ng)





## Introduction

OBTMAC FIELD SERVICES LTD is an innovative technical company registered in Nigeria in the year 2012. Our core business is to provide offshore/onshore technical services to E&P operators and service companies in the areas but not limited to engineering studies, Interpretation services, project managements, integrated solutions, training and development

At OBTMAC, we trust our professionals to deliver in-time operational services both offshore and onshore for top class interpretation, fabrication and construction, plant maintenance, Inspection (NDT), instrumentation, Insulation and cathodic protection services, engineering support, petrophysical evaluation and project management that can be easily integrated into our customer's framework for profitable business operation.

OBTMAC partners with Government agencies, leading indigenous and foreign companies. The company has developed capacity in the civil engineering sphere for the construction of roads in all the geopolitical zones in Nigeria and has facilities for prompt and efficient service delivery in both offshore & onshore of the oil and gas sector.

OBTMAC Field Service (OFSL) combines indigenous expertise, best practices, safe and environmentally sound well site operations, innovative ideas, and high-quality support aimed at helping its customers increase oilfield efficiency, lower operation and production costs, improve productivity, and increase asset value in a safe, environmentally sound manner

### Our Mission

To engage creativity & innovation in world class service delivery

### Our Vision

To be a leader in the provision of rapid and quality world class services globally



OBMAC services is divided into four (4) divisions, which enables OBMAC to provide clients with the most valued services required, our approach towards service delivery is to provide the client with value, that reduces operational cost and increases productivity

## ● Offshore / Onshore Fabrication & Construction Division

- Engineering Design / Consultancy Services
- Pipeline Construction Services (Welding & Fabrication)
- Maintenance Services
  - Plant Maintenance Services
  - Boiler & Heat Exchanger Maintenance
  - Lube Oil Flushing
  - Oil Particle Counter / Oil Comparison Analyzer
  - Static and Rotatory Equipment Maintenance
- Instrumentation & Control Services
- Electrical Engineering Services
- Corrosion Control, Painting and Maintenance
- Insulation & Cladding Services
- Well Completion Support Services
- HVAC Installation & Maintenance Services
- Industrial Scaffolding Services

## ● Inspection & Heavy Lifting Division

- Inspection & Asset Integrity Management
- Non Destructive Testing (NDT)
- Weighing
- Load-out & Load-in Operations
- Heavy Transportation
- Proof Load Testing

## ● Civil Construction Division

- Road Construction
- Drainage Construction
- Tank Floor, Pavement and Walk-way Construction
- Commercial / Industrial Building Construction

## ● Procurement Division

- Sourcing & Procurement of Tools and Equipment

## ● Training

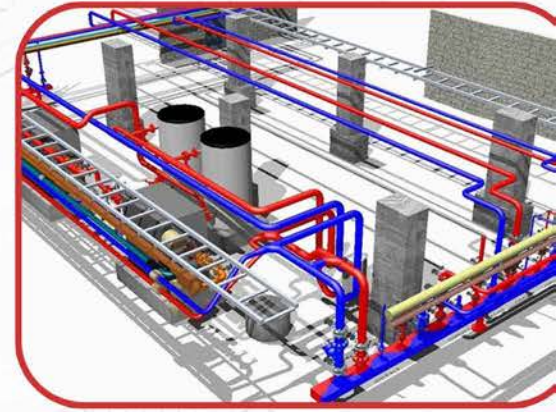
- NDT
- QMS
- ISO
- API
- CFWIP
- AWS
- NEBOSH



## Engineering Design & Consultancy

The Engineering Design team at Obmac Field Services Ltd strives to offer services that are tailored and refined to help our clients deliver their projects, offering innovation balanced with robust engineering practice in order to give our client the best possible service.

OBTAC understands that every project presents a unique set of challenges requiring a combination of creativity, robust engineering definition and project management in order to ensure a component or assembly functions correctly throughout its entire design life, under all specified conditions and can be manufactured cost effectively.



## Pipeline Construction Services

Obmac Field Service Ltd offers fully integrated pipeline construction services which covers, fabrication, installation, assembling, hydrotesting, maintenance & repairs. OBTAC, through purpose driven systems and procedures, promotes a culture of safety, quality and cost efficiency on all aspects of the project. We offer TIG, ARC, MIG and Seam welding for commercial and industrial needs. Our pipeline construction scope covers:



- Fabrication Drawing
- Pre-construction Survey
- Clearing and Grading
- Pipe Fitting & Fabrication
- Pipe Erection and Mechanical Fitting
- Welding
- Composite Wrapping
- Hydrotesting
- Fabrication of Fowlines
- Pipeline Sectional Replacement
- Installation of Steel Structures
- Fabrication / Installation of Fow lines



OBTAC is the premier choice for the installation of pipelines ranging in size from small diameter to mid diameter including all types of pipeline material: steel (up to 60"), FlexSteel, Flexpipe, Fibrespar, Fibre glass, and high density Polyethylene & lined steel.



## Plant Maintenance Services



OBTMAC specializes in comprehensive plant maintenance services and waste handling for the oil & gas sector. We are committed to solving our customers' problems while protecting the environment.

Because every job is unique, we begin the process by gathering all relevant information. We then formulate a plan of action that best addresses the customer's needs, specifying tasks to be accomplished, techniques to be used, expected results and estimates of time and costs associated with the project.

### Our Maintenance Services covers:

#### | Boiler & Heat Exchanger Maintenance

At Obmac Field Services Ltd we provides a 'one-stop-shop' for engineering, repair and overhaul of all boiler & heat exchanger types including shell and tube, plate, extended surface and regenerative.

We can undertake the maintenance of all types and makes of heat exchangers, with services from in-house engineering and re-design through to mechanical, welding and boiler-making, cleaning, tube or plate replacement, re-gasketing and testing.



#### | Lube Oil Flushing Services

Obmac Field Services Ltd Lube oil flushing services is a pre-commissioning procedure designed to flush the lube oil lines of a gas/steam turbine to the manufacturer's guidelines. We use the manufacturer's oil specification for the procedures.



Our techniques utilizes a high velocity pump, filter canister, that uses 5 micron filters, oil cooler, and an oil heater. Each bearing journal is bypassed and has a strainer placed in the jumper for individual flow path testing. Initially the oil reservoir is hand cleaned, filled with manufacturers specified oil, then circulated using the flush pump through the filters until it meets the cleanliness requirement. Then each journal bearing is flushed to the same degree of cleanliness.



### Oil Particle Counter / Oil Comparism Analyzer

OBTMAC provides effective predictive oil analysis service based on condition monitoring through used oil analysis to determine both machine condition and lubricant condition in a timely manner. Our work is overseen by our on-site supervisors and completed by our certified technicians using specialized equipment and proven techniques to achieve the required level of accuracy. OBTMAC uses an industrial particle counter for oil analysis, and has third party verification of oil samples to meet any oil specification.

### Static and Rotatory Equipment Maintenance

Obmac provides preventive, predictive and corrective maintenance services for pumps, Gas & Steam turbines, Compressors, Ventilators, Gearboxes, and other static equipments. Our services guarantee higher reliability of your installations, and thus greater machine uptime. In short: we offer more profitability at the lowest possible cost.

#### Our Static and Rotatory Equipment Maintenance Services Covers

- All types of preventive, predictive and corrective maintenance
- Monitoring of critical parameters and follow-up with specific software
- Vibration and temperature measurements
- Laser alignment
- Lubrication contracts
- Restarting of rotating equipment
- Delivery and/or fabrication of parts
- Upgrade / Downgrade of existing projects



## Instrumentation & Control Services

OBMAC offers a full range of Instrumentation and Control Systems services including system analysis, hardware and software engineering design, control panel assembly, installation, testing and commissioning.

We at OBMAC are specialists in specifying, procuring, calibrating, installing, piping, loop checking, commissioning and maintaining instrumentation and control systems for a wide range of industrial and commercial process control applications, ensuring that your plant operates safely.

### OBMAC Instrumentation Services Covers:

- Calibration
- Instrumentation & Automation Control
- Control Panel Layouts
- Process Computers/DCM System Selection
- Programmable Automation Logic Controller (PAC) Design & Programming
- PAC Configuration
- Loop Diagrams & Analysis
- FAT (Factory Acceptance Tests)
- Logic Diagrams
- PLC to DCS Communication Design
- Field Calibration & Loop Checks
- System Requirements Specifications (SRS)
- DCS Configurations/Communications Architecture
- Distributed Control Systems (DCS)
- Instrument Specifications
- Instrument Writing Diagram Design



## Electrical Services

OBMAC provides an innovative specialised electrical service that incorporates highly skilled solutions for all aspects of electrical and instrumentation projects and hazardous area installations, from construction verification, quality assurance, completions (handover and turnover) pre-commissioning, commissioning and energisation to operations and maintenance.

### Our Electrical Engineering Services Includes:

- Load Flow Analysis
- Short Circuit Analysis
- Transient Stability Analysis
- Cable Ampacity Analysis
- Protective Relay Coordination
- Arc-hazard Flash Analysis
- Lighting Design and Analysis
- Standby and Emergency Generator Design
- Motors and Motor Controls Development
- PLC & DCS Configuration
- Voltage Drop & Fault Current
- System Trouble Shooting



## Corrosion Control & Painting Services



Obmac Field Services Ltd provides sand blasting, priming, and painting services. We specialize in painting structural assemblies, industrial and oilfield equipment, skids, tanks and much more. Our industrial paint booth can handle painting of equipment in many shapes, sizes and configurations. Our conventional, air-assist, wet spray painting operation covers the coatings spectrum from water base primers to nuclear grade zincs, to high performance urethanes.

Our experience and understanding of your application will ensure that your project will be completed to your specifications. Our staff will work closely with you to make sure that your products are finished on time, on budget and to your exact requirements.

### Obmac Corrosion Control & Painting Services Covers the following scope

- Coatings
- Hydro-Blasting
- Thermal Spray Application
- Epoxy Syntactic Foam
- Sand Blasting

## Insulation & Cladding Services

OBMAC is a full-service insulation & cladding company serving the oil & gas sector. We provide spray foam, batt, poly, and blown-in insulation for construction, attic upgrades, and new installations. Our team can help with residential attic, crawl spaces, walls, and more.

Our insulation & cladding services covers the following:

- Construction insulation (spray foam, batt and poly, blown-in insulation)
- Attic upgrades
- Crawl space insulation
- Wall insulation
- Soundproofing







## Well Completion Support Services



Obmac Field Services Ltd offers a proven portfolio of well completion support services, together with domain expertise and commitment to flawless execution, to give you confidence in your completion.

We provides solutions for every scenario, including technically challenging environments requiring integrated systems and project management.

## HVAC Installation & Maintenance Services

From installation, preventative maintenance and operations, to HVAC repair, OBMAC is a key partner to deliver on your heating, ventilation, and air conditioning service needs, reducing unplanned downtime, increasing asset life and reliability, and ensuring productive environments.

Through planned HVAC maintenance and predictive & diagnostic services, we help reduce risk, future costs and avoid breakdowns. We even provide a Remote Operations Center for monitoring security and systems on site. And, in the event of an emergency, our service experts provide swift response to get your facilities functioning again.



## Industrial Scaffolding experts in Nigeria

Whether it's a suspended scaffold for a warehouse or bird-cage scaffolding for a factory, the scaffolding specialists at OBMAC are highly experienced in erecting scaffolding systems for industrial sites throughout Nigeria. We specialise in traditional tube and fitting scaffolding, and we also offer system scaffolding. With many years of experience, our professional scaffolders can provide access solutions to virtually any structure.





## Inspection & Integrity Management

Inspection & Integrity management services from Obmac Field Services Ltd help you to reduce risk and ensure quality and accuracy, as well as meeting regulatory requirements.

Our fully qualified Inspection Solutions team allows our clients to ensure that their health and safety statutory requirements are met. Asset integrity through a quality and reliable inspection regime is also assured.

OBTAC has gained a reputation for providing clients with bespoke solutions for challenging inspection problems. This is obtained through our well developed and robust inspection procedures; delivering effective and efficient data, minimizing project downtime. Obmac's Inspection Solutions can be used as part of our client's Integrity Management Program, either as a one-off workscope or an on-going Inspection Maintenance Program. Obmac has a wide array of mechanical and material testing capabilities.



### Principle NDT services offered by Obmac Field Services Ltd



Ultrasonic Immersion Inspection



Radiographic Inspection



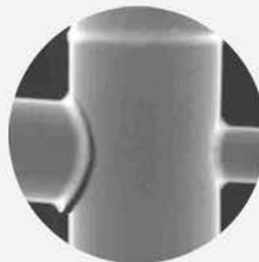
Dye Penetrant Inspection



Ultrasonic Contact Inspection



Eddy Current Inspection



Magnetic Particle Inspection



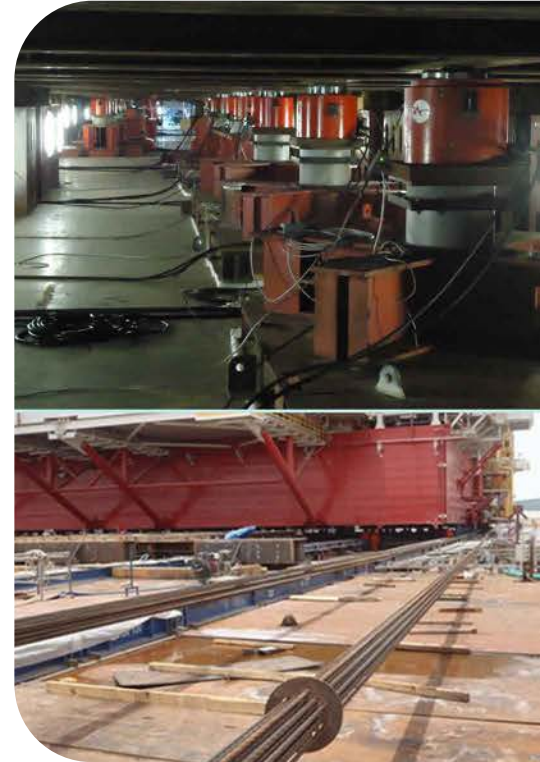
## Weighing of Heavy Structure Services

Obmac Heavy Lifting Division provides its client in the oil and gas sector with efficient weighing, lifting, load-out, load-in, skidding and ballasting services.

OBTAC provides accurate weighing services that are essential for establishing lifting and transportation methodology in any offshore / onshore operation.

With the ability to weigh structures from 10t to in excess of 40,000t, Obmac Field Services Ltd performs weighing operations for the oil & gas sectors to internationally recognised standards, we also have the capacity to fabricate custom equipment as required.

Specific calibrations are carried out prior to each weighing operation, either at our main equipment base or onsite using portable calibration rigs. We are then able to guarantee accuracy to +/- 0.5% of the total weight of



## Proof Load Testing Services

OBTAC provides proof load testing equipment and services to industrial customers in the oil & gas, maritime, power generation, military and heavy manufacturing industries.

Obmac Field Services Ltd has the competency to provide Equipment testing services, and we utilize a wide range of critical procedures for both manufacturing and maintenance & repair to ensure maximum performance, productivity and up time.

With our facilities equipped with numerous fixed and mobile testing machines, we are able to carry out strength, physical properties, break and prototype testing of most lifting and non-lifting equipment.



Our Load Test Services Covers The Following;

- Spreader Bar Load Test
- Padeye Load Test
- Bollard Pull Tests
- Tug Tests
- Crane Test (Water Bags, Block Weights)
- Crash Barrier Testing
- Lifting equipment Testing - (Slings, chains, wire rope, hooks)
- Hydraulic cylinder load test
- Hydraulic Power Unit Test



## Road, Drainage Construction Services

Whether it's a simple curb cut, drainage or a major roadway reconstruction project, our team at Obmac Field Services Ltd can get the job done. We have a fleet of new equipment, set up with the latest GPS control, to give our crews a leg up on the competition. Our scope enables us to work safer, smarter and more efficiently than the rest of the industry. We provide efficient services for the underlisted scope of work.

- ROADS • DRAINAGE • PAVING • SIDE-WALK • EARTH WORKS



## Commercial / Industrial Building Construction Services

We customize our building construction services to fit each client's budget and unique requirements. Our construction division has longstanding history and established a reputation for providing quality, reliable and sustainable service and delivery, regularly exceeding client expectations.

We build from Small Structures to Luxury Developments, serving in the following market sectors:

- Residential • Commercial • Retail • Agricultural
- Industrial • Oil & Gas Sector





## Product Sourcing & Procurement Services

Obmac Field Services Ltd procurement division is dedicated to ensuring that all supplies, materials, equipment and services are procured at the lowest possible cost - cost being defined as the optimum combination of price, quality, availability, and service. Obmac is happy to assist with cost control programs and operational support to all areas of the supply chain.

OBMAC partnership and representation of diverse original equipment manufacturers (OEMs) across the globe have enabled us to synchronise the procurement processes of large organisations across the globe, manage procurement spends and increasing profit by up to 30%.

### Our Procurement Scope Covers:

- Gas Turbines and Parts
- Compressor or Vacuum Pumps & Parts
- Compressor or Vacuum Pumps & Parts
- Pumps, Centrifugal & Rotary & Parts
- Proprietary Spare Parts
- Auxiliary Plants & Components
- Plant Elements and Parts
- Machinery Accessories and Transmissions
- Vehicles & Vehicle Accessories (Nos)
- Process Instrumentation: Parts
- Electric Sources & Power Converters
- Switch/Control-Gear & Electrical Instrument
- Lamps, Luminaries
- Telecomm System & Electronic Components
- Computers, Peripherals, Software
- Hoisting & Lifting Equipment
- Buildings, Structure and Tanks
- Builders Hardware & Building Material
- Jointing (Gaskets), Packing & Insulating
- Oils and Oil Products
- General Shop Equipment (Including Welding)
- Paints
- Furniture, Household & Club Requisites
- Office & Warehouse Equipment & Materials
- Pipes (steel, GRE)
- Hydraulic Tools & Equipment





## Training Services

Obmac Field Services Ltd provides innovative learning and development solutions, covering multiple areas and industries, tailored to meet your needs. Our courses are delivered in both face-to-face and eLearning environments, ensuring training objectives are achieved no matter where you are.

Our training solutions are developed by subject matter experts to help organizations and individuals improve personal competence and skills. Our Training Scope covers:

- NDT • QMS • ISO • API • CFWIP • AWS • NEBOSH



Quality Management System	Nigerian Content Development	Environment, Health & Safety
<p>Our Quality Management System has been developed in compliance with local, international and customer standards.</p> <p>This management system covers all facets of operations and provides guidelines on the management of services &amp; personnel</p>	<p>Obmac Field Services Ltd is 100% indigenous company and is fully committed to comply with the Federal Government of Nigeria local content development act.</p>	<p>The hallmark of our HSE policy is to ensure that man, machine and environment are protected and safe.</p> <p>We seek to maintain uncompromised safety standards in all our areas of operations.</p>



Client





## HEAD OFFICE

#4 Abua Street, Rumuibekwe Estate, Port Harcourt,  
Rivers State, Nigeria, West Africa.

TEL: +234 (0) 803 767 4583  
+234 (0) 803 931 9370

EMAIL: [info@obmac.com.ng](mailto:info@obmac.com.ng)  
[obmacfieldservices@yahoo.com](mailto:obmacfieldservices@yahoo.com)

[www.obmac.com.ng](http://www.obmac.com.ng) | [info@obmac.com.ng](mailto:info@obmac.com.ng)

Branding, Design & Printing  
PADYPADY - 08164909592  
[www.padypady.com.ng](http://www.padypady.com.ng)

