

CORPORATE PROFILE



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Who we

MG VOWGAS LIMITED (MGV) is a wholly owned Nigerian company with an international outlook. The Company was incorporated in 2006 for the purpose of providing the Nigeria Oil and Gas industry with a wide spectrum of Engineering, Procurement, installation and Construction services (EPIC), Marine Support Services, Project and Integrity Management.

MGV has grown rapidly in the last ten years and set an enviable track record of excellent performance in the services we offer. MGV has recently set up an expansive/comprehensive fabrication yard (fabyard) and office complex with state of the art equipment.

The Fabrication yard is ideally located on the Woji River (near Onne Free Trade Zone Deep Port) and has a deep water loading capability of 8m/6m High/Low tide respectively with a 334 meters long quayside. The Fabrication yard is managed by a team of highly skilled/experienced professionals.



are

Vision

To be an EPC leader most admired for its people, partnerships, and ethical values in the Nigerian energy sector.

Mission

To give customers better alternatives by providing innovative, safe, efficient, cost-effective and value adding solutions as we set a new pace in customer satisfaction and sustainable relationship with host communities and other stakeholders.

Objective

To provide clients with solutions using the best materials and resources with a duty to deliver our services considering quality, time, safety, environment and compliance with clients specification.



Our People

MG Vowgas has over the past years grown from a midscale company to a fully equipped and competent EPIC company. This success is anchored on strong management and a competent, highly skilled and motivated workforce.

Our workforce is our most prized asset and as such we have a motivational employee policy that ensures Safety and welfare of our workforce. We have assembled a team of exceptionally skilled, competent, experienced and motivated workforce with varying depth of experience in the various areas of specialty.



Our Strategy

Our Strategy, which has been the main driver of our rapid growth, is to provide the customer with comprehensive and qualitative EPIC and Fabrication services at the most competitive prices, thus making us the preferred service provider to the clients we serve.

Our strategy is anchored on:



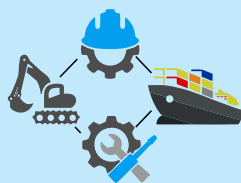
**INNOVATIVE
TECHNOLOGIES**

The use of the latest innovative technologies and Equipment suitable for our operations and compliance with international standards.



**SKILLED & TRAINED
PERSONEL**

Engagement of skilled/experienced personnel, who are continuously being re-trained.



EPIC

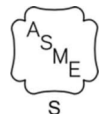
Provision of a wide range of EPIC and Fabrication services for the convenience of our clients.



EXCELLENT SERVICE

Excellence in all our services.

our Core Values



What we

MG Vowgas is focused in providing services ranging from Engineering, Procurement, Installation, Construction, Pipeline Turnkey services and Marine Logistics.

MGV takes prides in being the foremost pressure vessel and process plant manufacturer, from the Plate rolling through Dish Head Manufacturing to the Post Weld Heat Treatment. We have modern equipment and highly qualified/experienced personnel to support all your operations.

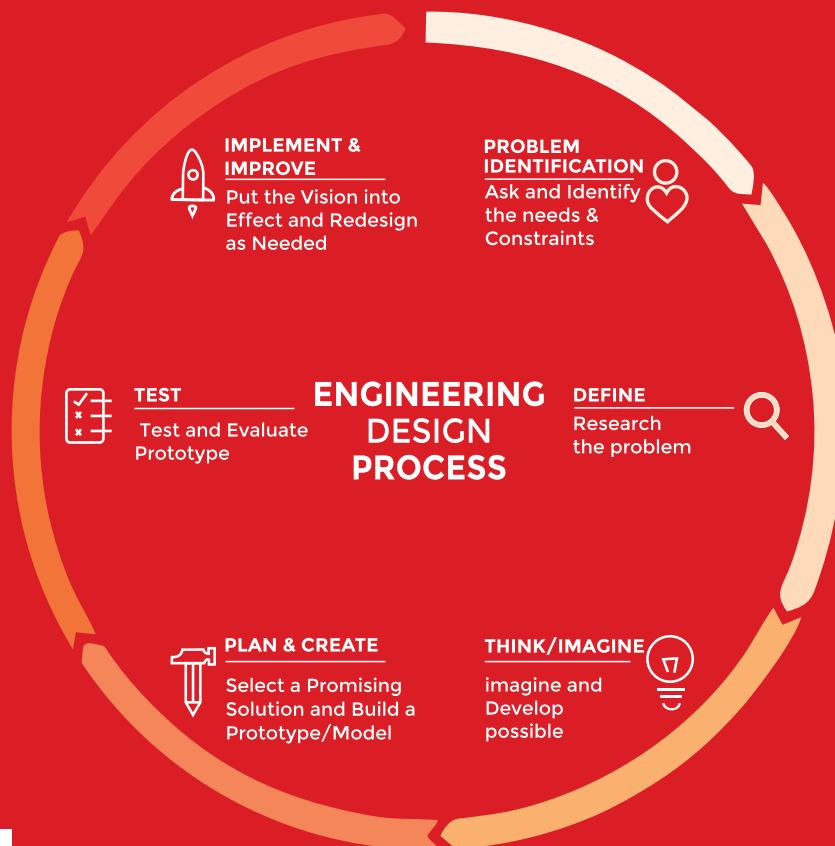
do

Controlled Accessions, Inc.
www.controlledaccessions.com

Engineering

MG VOWGAS Engineering design and development services follow a standard process with series of steps which guide our design team in solving engineering challenges. This design model is embedded in a cyclical process.

The process includes feasibility study, conceptualization, design requirement, preliminary design, detailed design, production planning, tool design and production. Product improvement starts even before the end of the first design is completed which ensures innovative thinking while infusing the highest quality and safety standards.



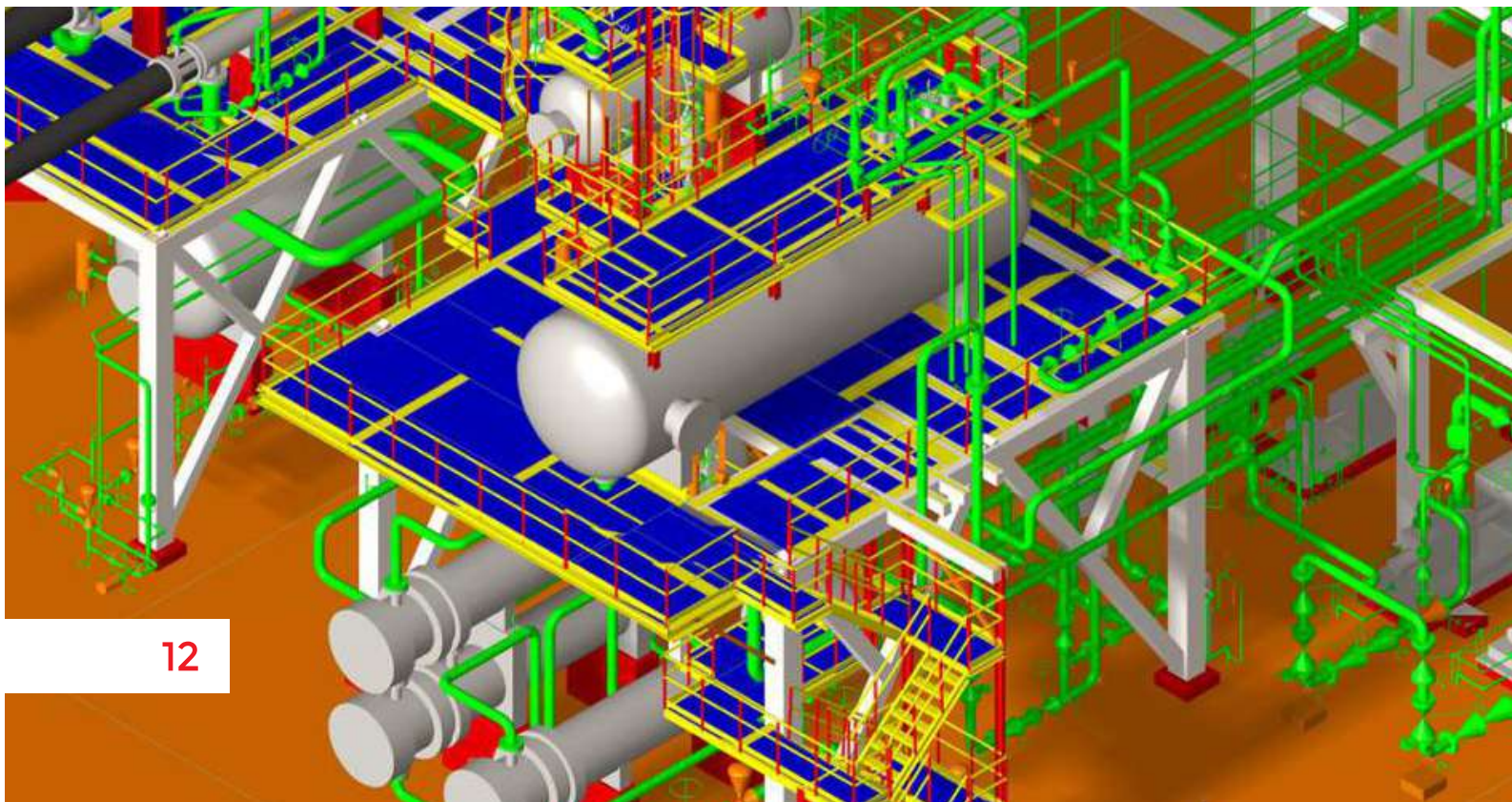


Front-End Engineering and Design (FEED)

The Front-End Engineering & Design (FEED) is the basic engineering which comes after the Conceptual design or Feasibility study, before Engineering Procurement & Construction (EPC) stage of a Project. The FEED focuses on the technical requirements as well as approximate investment cost, Constructability & Maintenance ability for the complete project. This can be divided into separate packages covering different aspects of the project. FEED packages are used as the basis for detailed engineering, potential risks evaluation, as well as awarding contract for EPC

The engineering team of MG Vowgas Limited is highly skilled and equipped with all the latest software required to perform FEED activities efficiently. The multidiscipline engineering capability of our organization are as below:

- ■ Process & Facilities Engineering Team
- ■ Civil Engineering Team
- ■ Piping Engineering Team
- ■ Mechanical Engineering Team
- ■ Electrical Engineering Team
- ■ Instrumentation Engineering Team
- ■ Cost & Schedule Estimation Team
- ■ Quality Management Team
- ■ Information Management & Document Control Team
- ■ Risk, Safety and Environmental Engineering Team
- ■ Materials Engineering Team
- ■ Project Management Team



Procurement

MG Vowgas Limited procurement strategy is centered on its in-depth understanding of the international markets and its excellent relationship with key suppliers and OEM's. This strong position has enabled us to provide the best materials, equipment and services on time, within budget and meeting customers quality expectations. Hence we have successfully delivered various projects in a very challenging environment/time

Strategic Sourcing:

With our strategic sourcing contacts across the globe, we have in-house capability to easily locate, evaluate, purchase and provide the logistics support for materials and services to any location or project site. MG Vowgas Limited has competent procurement staff, fully conversant with the markets, customs and established environmental regulations.

Contract Management:

MG Vowgas Limited contracts management personnel are experienced staff that effectively support the full scope of the contracting activity. For efficient contract management, we utilize competitive bidding, and also negotiate long-term agreements with suppliers and OEM to obtain competitive prices for materials, equipment and services to overcome the challenges of market fluctuations that lead to delays in project delivery.

Fabrication

MG Vowgas is one of the emerging leaders in Engineering, Procurement, Construction and Installation (EPCI) expertise in the oil and gas industry in Nigeria, with capability in the following areas:

Topside facilities for

- FSO.
- FPSOs.
- Subsea structures - XMAS Tree structures
- Process Plants - Manifold Skid,
- Fixed platforms.
- Pressure Vessels - Inlet Manifold, Pig Trap, Riser, Calm Buoy

General Fabrication and Construction.

- Hook up and pre-commissioning.
- Topside to hull integration.
- Barge construction.
- Pipeline construction and repair services



Dish End Manufacturing

MG Vowgas prides itself as a leading fabrication company and Dish end manufacturing company. With our automated dish press machine, we can manufacture dish end of various sizes using international quality standards.

MG Vowgas currently has pressing capacity to manufacture Dishes up to 6.2 mm diameter and 90 mm thickness respectively with our 1000-ton Dish Press machine.

Types Of Dish End

MG Vowgas manufactures various types of dish end including flanged edge sphere, arched dish end, elliptical dish end, flat bottom dish end, disc dished end, hemispherical dished end, conical dish end, cone, cone flanged edge (inner and outer) , flanged dish end, flat top dish end, expansion joint, boiler tube plate (dish end), spherical arched dish end and U-type revert ring .

- Torispherical Heads
- Elliptical Heads
- 2:1Semi Ellipsoidal
- Floating Heads
- Ladle Bottom for EAF
- Flat Bottom
- Hemispherical
- Reverse Flanged



Post Weld Heat treatment (PWHT)

We perform Post Weld Heat Treatment after welding to retain material strength of the welded part. While adopting this process, we can control the hardness of the material and reduce the residual stress induced.

This Post Weld Heat Treatment process is carried out in our Heat treatment furnace.

By using furnaces for PWHT, stress introduced by the welding process is reduced and redistributed through the heating, soaking and cooling the weldment/machined surface. This greatly improves the weld properties. PWHT is most times mandatory in order to comply with welding codes and specifications for the welding of carbon steels, stainless/high alloy steels and work hardened steels.

Advantages of PWHT

- Corrosion resistance
- Tempering
- Reduction in residual stress
- Hydrogen removal



E-HOUSE

Equipment House (E-House) also called Electrical House is a complete prefabricated modular outdoor enclosure that houses Medium Voltage switchgear, motor control centers, transformers, HVAC, UPS, and building management and control systems. It can be skid or wheel mounted.

The E-House is a power distribution substation ready to operate in the field with minimum installation, commissioning and start time.

BENEFITS

- Secure uptime due to qualified and reliable flexible design
- Reduced project cycle time
- Enhanced safety and security
- Space saving, typically outside of the facility
- One engineering team which typically optimizes cost
- Pre-tested and Pre-assembled
- Easy interfaces

APPLICATIONS

- Oil and Gas
- Marine
- Power industries
- Manufacturing industries



Installation

MG Vowgas limited's comprehensive facilities offer a unique combination of installation capabilities covering engineering operations, equipment/materials load out and deployment, transportation, lifting, security vessels support, project management, fittings and on-site welding, testing and inspection, etc.

Our successful execution of all related installation activities using experienced personnel and appropriate equipment coupled with safety of operations has kept MG Vowgas as the preferred installation partner with all the clients we have worked for.



Pipeline Services

We carry out a wide range of pipeline services for clients ranging from pipeline leaks repairs, Pipeline leak detection, inspections, cleaning, lining, to flowline monitoring etc.

Our experience and expertise have earned us the reputation of a reliable partner for the management, replacement and repair of pipelines and flowlines
The under listed are Pipeline services we have carried out;

- Pipeline Installation
- Pipeline Construction
- Leak Repairs
- Pipeline Welding
- Pipeline Earthwork
- Pipeline Integrity Assurance
- Hydro testing

MGV has also developed expertise in providing **HOT TAPPING** (wet tap), **LINE PLUGGING** (line stop) and **COLD CUTTING** in applications ranging from high pressure transmission pipelines to flow lines.

We provide specialized equipment manned by highly trained and skilled personnel to carry out our delicate Pipelines services.

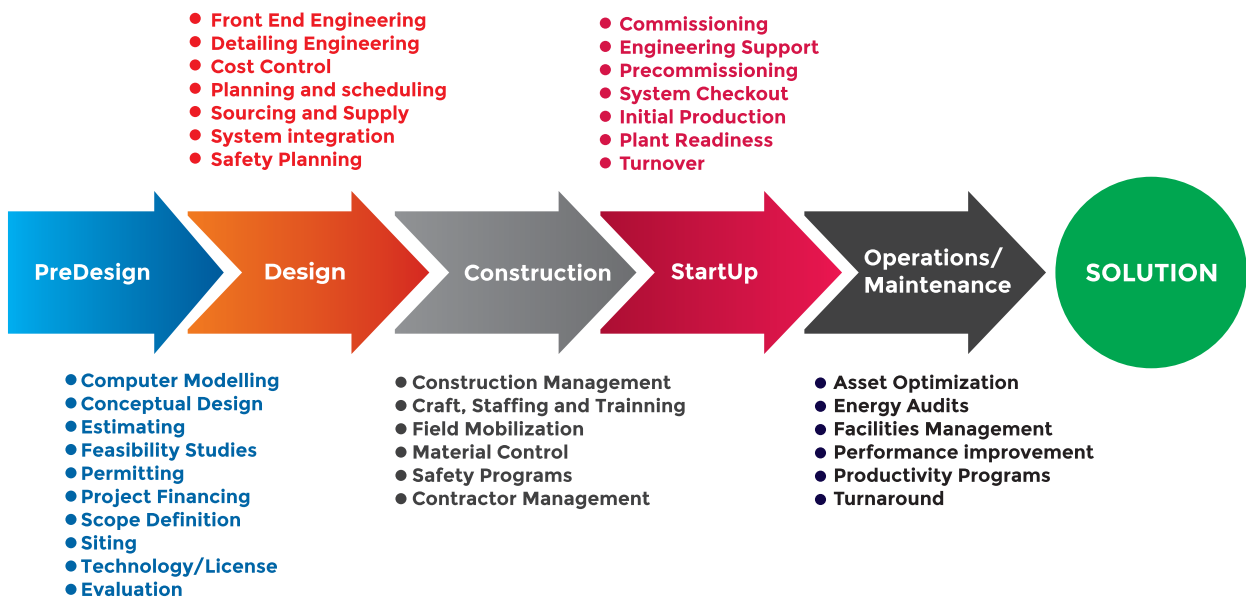


Project Management

Managing projects is a core area of our business and we have successfully delivered several projects up-to-date, ensuring the highest quality, safety standards and cost effectiveness. With our team of professionals, MG Vowgas limited has delivered multi-million dollar projects for our clients using a synergetic thinking and collaborative approach. Our success lies to a large extent on our ability to forecast, plan and manage resources under a well-defined structure and program which we develop with our clients and stakeholders foremost in our mind.

MG Vowgas limited has successfully delivered Engineering, Procurement, Construction and Installation (EPIC) projects using specialized software for planning, monitoring and control of relevant project parameters.

All our services have project management as their life wire linking them together. This is so as planning, co-ordination, supervision and controlling of tasks covering the numerous engineering and trade vocation throughout our operations are carefully programmed for success using our project management model shown below:



FPSO Services

Partnered with world class FPSO builders and operators.

- Through all stages of conversion, from conception to final commissioning, our highly experienced and dedicated contract engineering teams obtain relevant approval, provide all design work, calculations, fabrication, installation and commissioning.

We ensure that all stages of programming and works undertaken are subject to, and comply with, the latest Class, and Quality Assurance regulations and are guaranteed accordingly.

- All aspects of conversions are covered, including but not limited to: remedial boiler works, installation of multi-fuel system burners and all associated service lines – especially gas and crude oil supply systems, all mechanical, control, electrical and automation aspects are covered to complete conversions on a turnkey basis.

- On station repairs and inspections can be carried out during production, saving precious resources – time and money.



Marine Logistics

We are here for the long haul to provide quality logistics support to our clients. It is the objective of MG V to deliver comprehensive top-notch services. Our goal is to provide logistics solutions to our clients so as to free them to focus on their core business.

MG Vowgas Limited plans to increase her fleet of vessels to meet the demands of the International Oil Companies operating in Nigeria. In addition to supplying and managing vessels, MG Vowgas Limited has experienced personnel to provide logistics support to customers as needed, ranging from project start-up support to full project logistics management.

We understand that the only way to keep our customers satisfied is to ensure that safety and quality are always of the highest priority.

We carry out the under listed services;

- Sea transportation
- Deployment logistics
- Marine Vessels Supply and Operation (Platform Support Vessels , Anchor Handling Tug , Offshore Support Vessels, Utility Work Boats, Crew boats, Diving Support Vessels)
- Offshore operation support services
- Barge hire services



Our vessels provide all services for exploration, development and production activities including:

- Towing and anchor handling
- Delivery of cargo and supplies, fuel, water and food to offshore rigs and platforms
- Transportation for offshore construction and maintenance work
- Ocean towing
- Transportation for personnel
- **Standby safety:** Providing safety and emergency response services and supporting offshore construction project

MGV is registered with the Nigerian Port Authority (NPA) and Nigeria Maritime Administration and Safety Agency as a shipping company in compliance with cabotage law.



Facilities and Equipment

- Our Fabrication yard occupies about 85,000 sqm of land area with waterfront that has an access to a water way that connects to the Onne Oil and Gas Free Trade Zone.
- 12,000sqm of indoor workshop working space,
- 8000sqm of indoor storage space,
- 15,000sqm for pipes laydown area and an outdoor working space of 17,500sqm for outdoor fabrication works.
- 2000sqm of land space for blasting and painting shop
- Capacity to fabricate 32,000Tons of steel structures annually.
- Multimax Plate Cutting capacity of up to 312mm thickness
- Cold Rolling of steel plate with capacity of 106mm thickness
- Dish head pressing capability of 90mm thickness (largest in-country)
- Flanging capacity of 40mm x 6500mm
- Post Weld Heat Treatment capacity of 25m x 5m x 5m interior dimension with 200Tons capacity



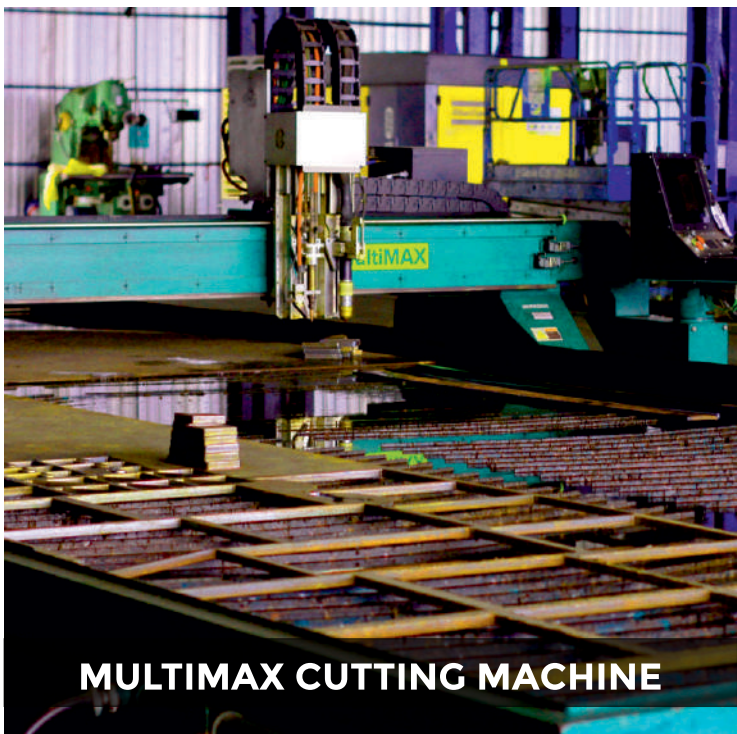
- Capacity for 5 Different welding Process (SAW, FCAW, GMAW, SMAW, TIG)
- Automatic Welding Machines
- State of the art NDT testing facility, equipped with modern equipment and resources to conduct all NDT related testing, including MPI, RT, UT, etc.
- 500,000 sqm of land area in Okrika, near Onne being developed for an integrated Logistics base support facility with start of the art amenities.
- A quayside with Jetty length of 334m and water depth of 8m/6m High/Low tide respectively, a landing deck plate that could sustain a working distributed load of about 170 KN per sqm. The foundation of the support structures is designed for a load bearing capacity of 170 tons per sqm.
- Site Clinic with a standby Ambulance.
- Modern training facility, that has the capacity for 150 trainees at a time.
- Modern canteen facility with a capacity of 150 staff at a time.



Equipment Gallery



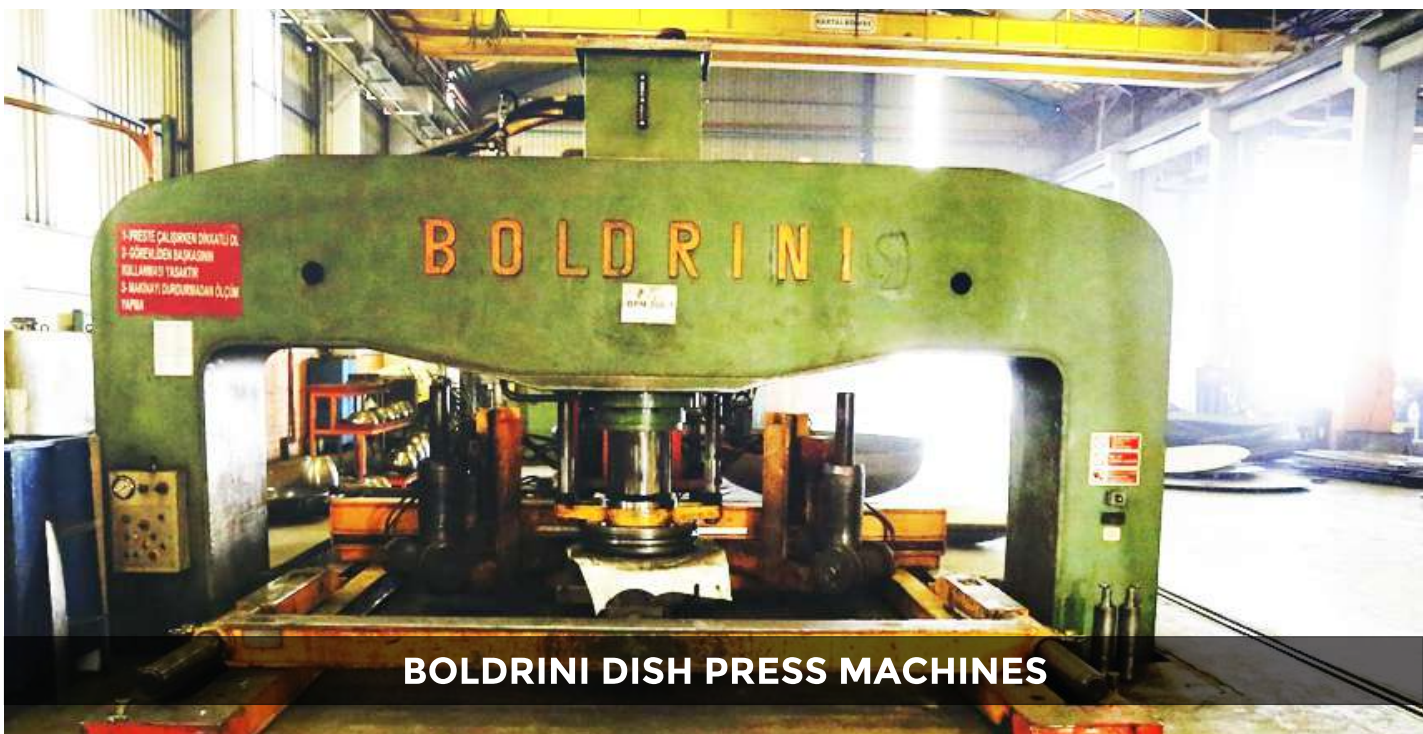
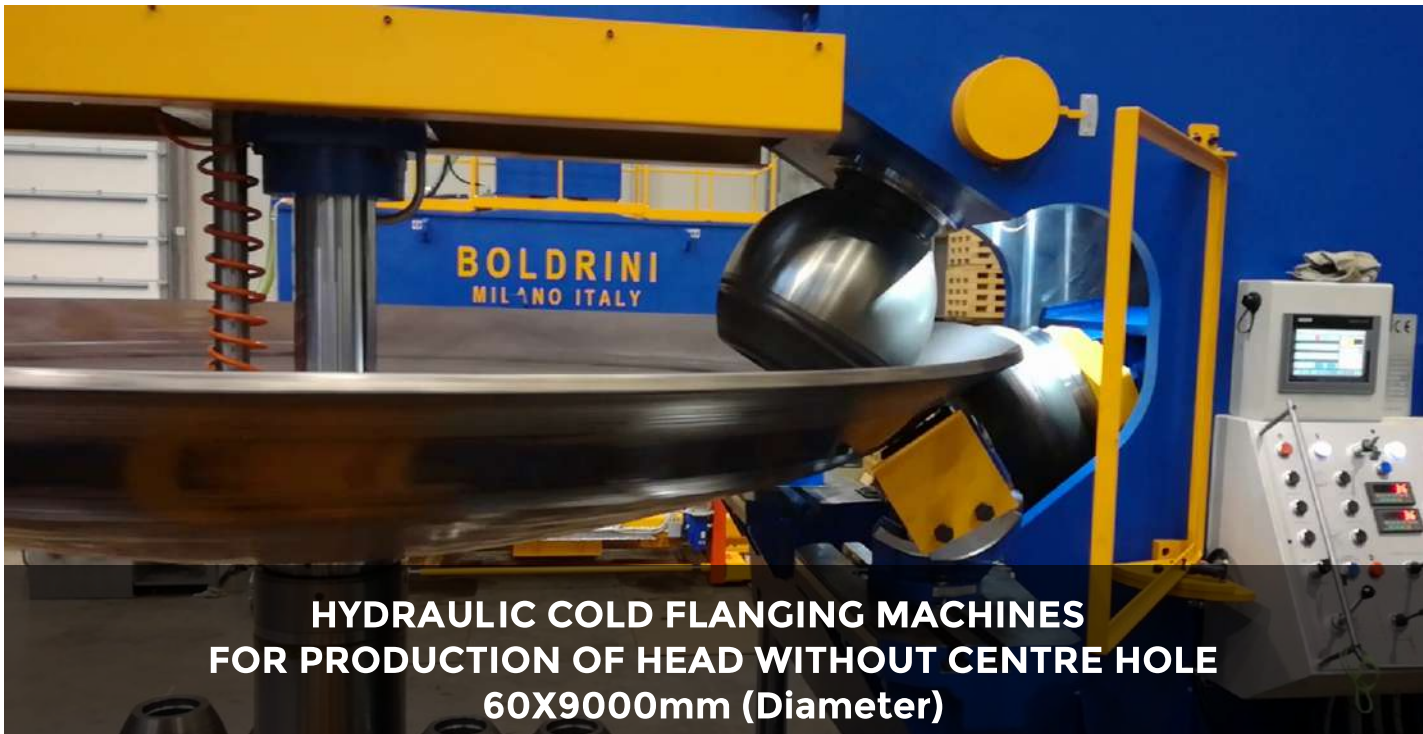
ROUND0 ROLLING MACHINE



MULTIMAX CUTTING MACHINE

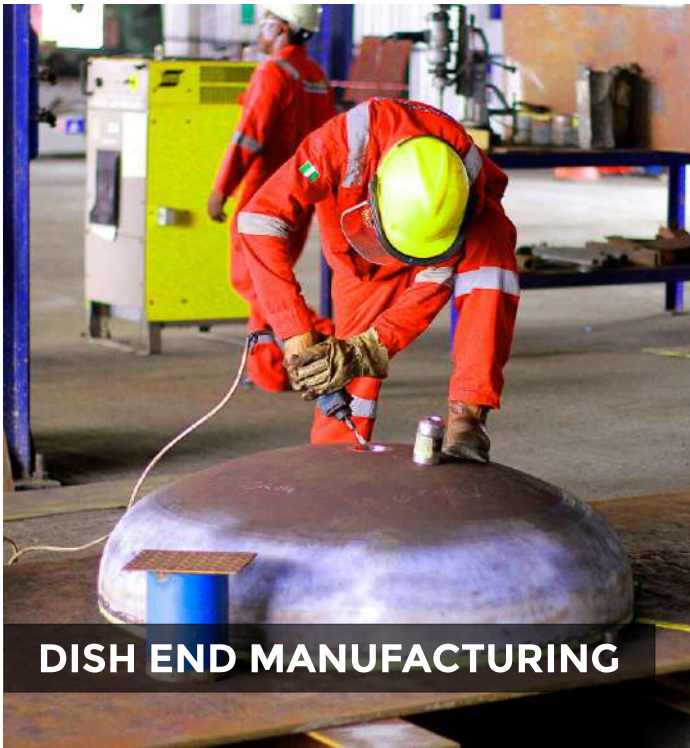


DAVI ROLLING MACHINE



Products Gallery





DISH END MANUFACTURING



PRESSURE VESSEL



E-HOUSE

Local Content

In line with Federal Government directives on Nigeria Local Content Development policy on Engineering Domiciliation, Procurement Centers and Fabrication in Nigeria and Nigerian content targets of 50% and 70% by end year 2007 and 2010 respectively:

The policy and status of MG Vowgas Limited on the above subject matter are:

Procurement, Materials and Services - To source for equipment, materials, goods and render services locally on all projects with the use of Nigerian professionals, skilled and unskilled staff except in stringent conditions whereby we might have to consult our technical partners abroad.

Nigerian ownership structure - MG Vowgas Limited was established with 100% Nigerian ownership structure.

The use of Nigerian Human resources - We make use of 100% Nigerian professional/skilled/unskilled labor on all projects except in stringent conditions whereby we might have to employ expatriates.

The percentage of company indigenous management workforce - We have 98% Nigerian management staff.

Evidence of significant growth capacity building - We have significant experience of human resources development and infrastructures growth in Nigeria since the establishment of the company.

Major Clients

ExxonMobil



NNPC

NPDC



Certificates

bsi.  

Certificate of Registration

OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM - ISO 45001:2018

This is to certify that: **MG VOWGAS Limited**
Mount Zion Fabrication Yard,
End of Peace Valley Estate Road
Trans-Woji Road
Port Harcourt, River State
Nigeria

Holds Certificate No: **OHS 634532**

and operates an Occupational Health and Safety Management System which complies with the requirements of ISO 45001:2018 for the following scope:

Provision of Engineering Services, EPC (Engineering, Procurement, Construction) & Marine Operations.

Previously certified to OHS 18001:2007 since 10.03.2016

For and on behalf of BSI: 
Andrew Launn, EMEA Systems Certification Director

Original Registration Date: 2019-02-07 Effective Date: 2022-03-10
Latest Revision Date: 2022-03-08 Expiry Date: 2025-03-09

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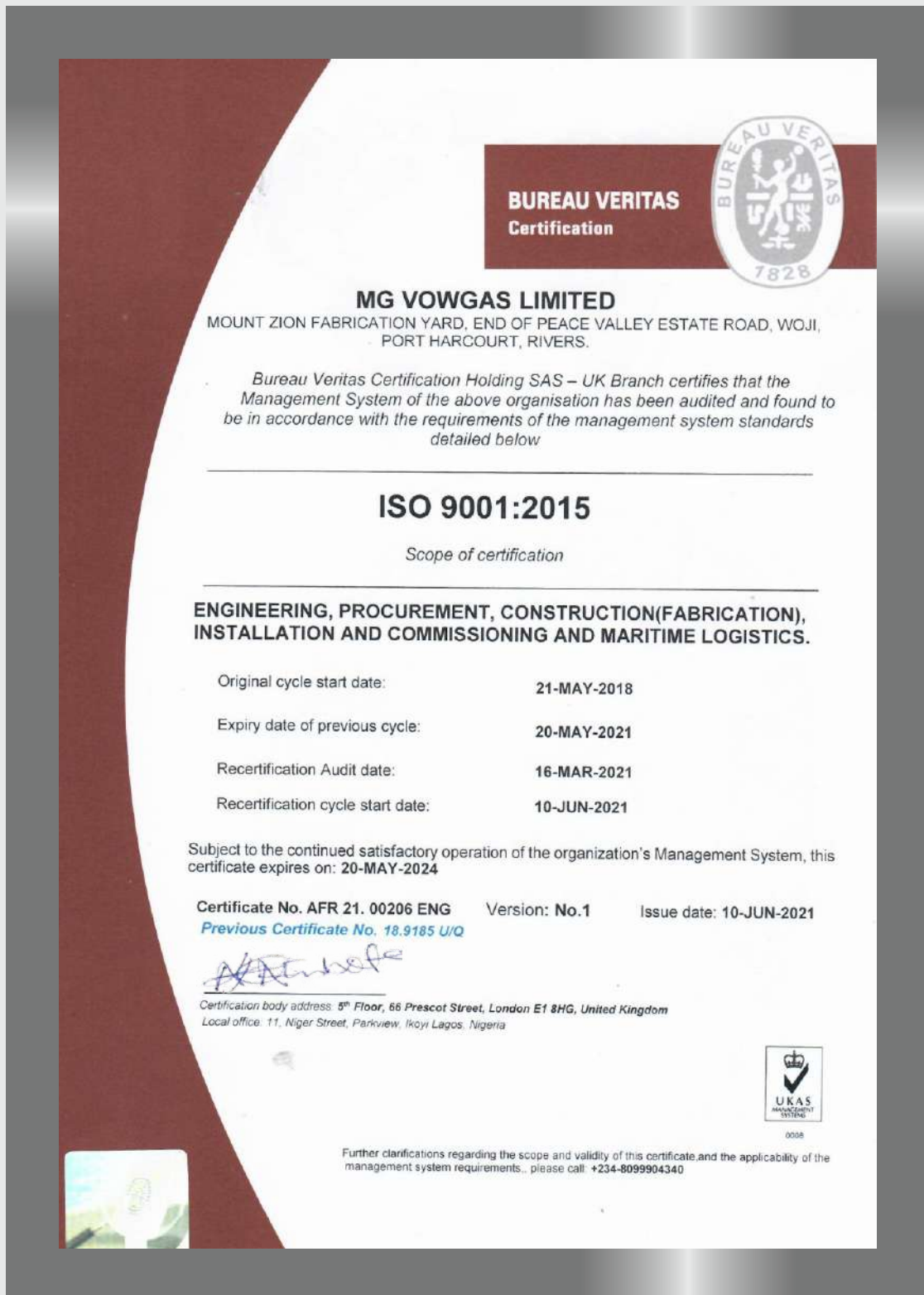
  

...making excellence a habit.™

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated [online](#). Printed copies can be validated at www.bsigroup.com/ClientDirectory

Information and Contact: BSI, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP. Tel: + 44 345 080 9000

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.



ASME Certification

CERTIFICATE OF AUTHORIZATION

The named company is authorized by The American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the ASME Single Certification Mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with the ASME Single Certification Mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:

MG VOWGAS LIMITED
MOUNT ZION FABRICATION YARD
END OF PEACE VALLEY ESTATE ROAD WOJI
PORT HARCOURT, RIVER STATE 500211
NIGERIA

SCOPE:

Manufacture and assembly of power boilers at the above location and field sites controlled by the above location

AUTHORIZED: June 29, 2021
EXPIRES: June 29, 2024
CERTIFICATE NUMBER: 56171

David E. Tuttle
Board Chair, Conformity Assessment

Paul King
Managing Director, Conformity Assessment

The American Society of Mechanical Engineers

CERTIFICATE OF AUTHORIZATION

The named company is authorized by The American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the ASME Single Certification Mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with the ASME Single Certification Mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:

MG VOWGAS LIMITED
MOUNT ZION FABRICATION YARD
END OF PEACE VALLEY ESTATE ROAD WOJI
PORT HARCOURT, RIVER STATE 500211
NIGERIA

SCOPE:

Manufacture of pressure vessels at the above location and field sites controlled by the above location (This authorization does not cover impregnated graphite)

AUTHORIZED: June 29, 2021
EXPIRES: June 29, 2024
CERTIFICATE NUMBER: 56172

David E. Tuttle
Board Chair, Conformity Assessment

Paul King
Managing Director, Conformity Assessment

The American Society of Mechanical Engineers

CERTIFICATE OF AUTHORIZATION

The named company is authorized by The American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the ASME Single Certification Mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with the ASME Single Certification Mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:

MG VOWGAS LIMITED
MOUNT ZION FABRICATION YARD
END OF PEACE VALLEY ESTATE ROAD WOJI
PORT HARCOURT, RIVER STATE 500211
NIGERIA

SCOPE:

Manufacture of Class 1 and Class 2 pressure vessels at the above location and field sites controlled by the above location

AUTHORIZED: June 29, 2021
EXPIRES: June 29, 2024
CERTIFICATE NUMBER: 56173

David E. Tuttle
Board Chair, Conformity Assessment

Paul King
Managing Director, Conformity Assessment

The American Society of Mechanical Engineers

CERTIFICATE OF AUTHORIZATION

The named company is authorized by The American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the ASME Single Certification Mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with the ASME Single Certification Mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:

MG VOWGAS LIMITED
MOUNT ZION FABRICATION YARD
END OF PEACE VALLEY ESTATE ROAD WOJI
PORT HARCOURT, RIVER STATE 500211
NIGERIA

SCOPE:

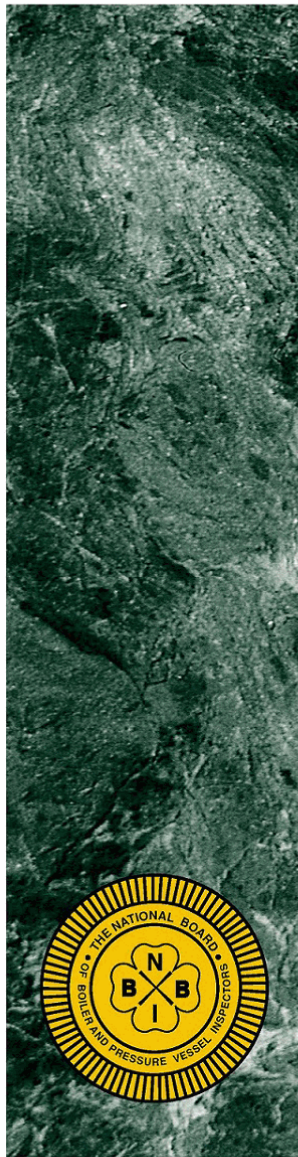
Fabrication and assembly of pressure piping at the above location and field sites controlled by the above location

AUTHORIZED: June 29, 2021
EXPIRES: June 29, 2024
CERTIFICATE NUMBER: 56174

David E. Tuttle
Board Chair, Conformity Assessment

Paul King
Managing Director, Conformity Assessment

The American Society of Mechanical Engineers



**THE NATIONAL BOARD
OF
BOILER & PRESSURE VESSEL INSPECTORS**

Certificate of Authorization



This is to certify that

**MG VOWGAS LIMITED
MOUNT ZION FABRICATION YARD
END OF PEACE VALLEY ESTATE ROAD
WOJI, PORT HARCOURT
RIVER STATE 500211
NIGERIA**

is authorized to use the R Symbol in accordance with the provisions of the National Board Inspection Code and NB-415, Accreditation of "R" Repair Organizations.

All activities within the scope of this Authorization shall be controlled by the above location.

The scope of this Authorization is limited to:

Metallic
Repairs and Alterations
At
Shop and Field Locations

Certification Number: 10906

Issue Date: April 20, 2021

Expiration Date: July 2, 2024

Executive Director









NIGERIAN CONTENT DEVELOPMENT AND MONITORING BOARD



NIGERIAN CONTENT EQUIPMENT CERTIFICATE (NCEC)

Awarded to

MG VOWGAS LIMITED

For

Fabrication and Construction of equipment in the
Nigerian oil and gas industry

TYPE 2 (CONTRACTS BELOW \$200M)

NCEC/FC-C-2/0832

Date Issued: 12/08/2022

Date Expire: 11/08/2024



General Manager, CBD

Executive Secretary

Please scan the QR code to validate the authenticity and scope of this certificate.

22/001022F



ESTABLISHED BY ENGINEERS (REGISTRATION ETC) DECREE 55 OF 1970
AND AS AMENDED BY DECREE 27 OF 1992, NOW ACT CAP E11/2004

*The Council for the
Regulation of Engineering in Nigeria*

ANNUAL PRACTISING LICENCE



This is to certify that

Messrs MG Yowgas Limited (ECF00558)

*has met all the requirements contained in the COREN Act
and has been duly licensed to practise engineering in Nigeria.*

The Certificate expires on the 31st. of December 2022



Engr. Prof. Joseph O. Odigure
REGISTRAR



MG VOWGAS Limited

Mount Zion Fabrication Yard,
End of Peace Valley Estate,
Woji, Port Harcourt.



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www.mgvowgas.com

