



## COMPANY PROFILE

# Overview

## Creative Technology in **Project Execution**

Our decades of experience in the execution of turnkey projects enables **NIVAFER** to provide the most effective solutions in EPCM projects from engineering designs to project completion of: Process Plants, Subsea Equipment, Structural Steel Works, Offshore Platforms, Atmospheric Tanks, Pressure Vessels, Product Storage Tank Farms, LPG Spheres, Pipe Racks etc.



# Contents

02 ▪ Content

03 ▪ About Us

04 ▪ Certificate & Permits

05 ▪ Capabilities

08 ▪ Our facility

12 ▪ Project Experience

13 ▪ Project Showcase

14 ▪ Notable Clients



# About Us

Nivafer Engineering and Construction Limited (NIVAFER) is an indigenous Engineering, Procurement, Construction Management (EPCM) Company in Nigeria and has been in the oil and gas sectors as well as non-oil and gas sector for over 45 years.

Our team of experience professionals in engineering design and construction, work round the clock to satisfy our client and exceed their expectations.

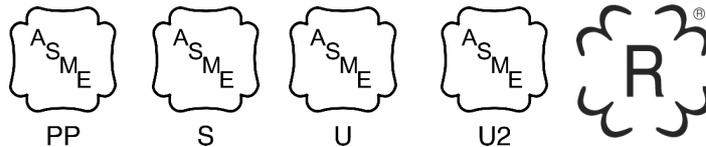


We sustain growth and customer satisfaction through continuous improvement of our workflow processes, techniques, and personnel trainings and certifications.

# Quality

NIVAFER is committed in delivering exceptional projects by maintaining an international quality management system (ISO 9001: 2015) hereby meeting and exceeding customers expectation .

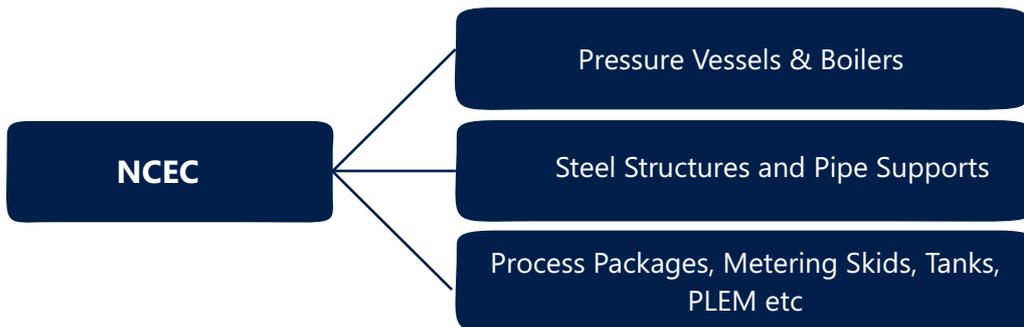
## ASME Stamps



# Certificates & Permits

## Nigeria Content Equipment Certificate

NIVAFER is recognised as an NCDMB compliant company. We have been issued the NOGIC JQS certificate and three (3) Nigeria Content Equipment Certificate(NCEC) This is in recognition of our commitment to the local content policy and Nigeria Oil & Gas Industry Content Development (NOGICD) Act.



## Nigerian Upstream Petroleum Regulatory Commission (NUPRC)

NIVAFER is also licenced by the Nigerian Upstream Petroleum Regulatory Commission (NUPRC) to operate as a company in the Oil & Gas Industry in Nigeria. We have been assessed for professional competencies and capabilities .NIVAFER’s NUPRC permits covers both major category and specialised category.



Fabrication & Assembly of 22nrs of Pipe Racks & Manifold Skids for ASSA North Gas Project (MONTEGO / GPS / Seplat)

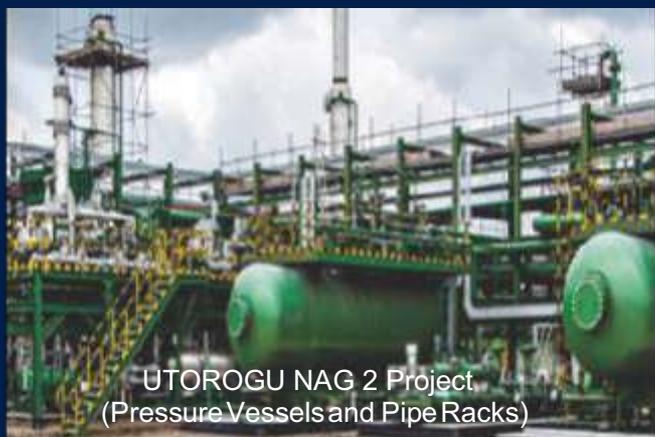


Fabrication of Pressure Vessel for ASSA North Gas Project (SPDC)

# Capabilities

NIVAFER is qualified and experienced in delivering EPCM projects, starting from engineering design to project execution.

Our products and services cover the following specialty areas, Engineering, Construction and Installation of:



UTOROGU NAG 2 Project  
(Pressure Vessels and Pipe Racks)

## Process Packages

Accumulators, Separators, Knockout drums, Stacks, Pig Launchers & Receivers and Process Equipment



Fabrication & Assembly of 22hrs of Pipe Racks & Manifold Skids for ASSA North Gas Project (MONTEGO/GPS/Seplat)

## Structural Works

Pipe Racks, Bridges, Roof Structures, Shelters, Buildings, Aircraft Hangers  
Heavy Steel Structures  
And Offshore Decks & Platforms



Storage Tanks for Escravos Gas To Liquid (EGTL) Project – Bentini Constructions / CHEVRON

## Storage Tanks

Tank Farms, Fixed & Floating Roof Product Storage Atmospheric Tanks, Bullet Shaped Tanks, Rectangular Storage Infrastructure  
Tanks



Subsea Pipeline End Manifold (PLEM)  
Breda Energia / NAOC

## Subsea Equipment

Pipeline End Manifold (PLEM), parking structures, mud mats, inlet manifold, gas lift skids, jackets, buoys, Christmas tree



Subsea Pipeline End Manifold (PLEM)  
Breda Energia / NAOC

## Pressure Piping

High pressure piping for oil & gas plants, petrochemical industries, floating, production, storage & offloading vessels



## Facility Maintenance

Fabric maintenance / repairs, new fabrications, manpower supply for onshore & offshore oil and gas facilities



## Fabrication & Erection

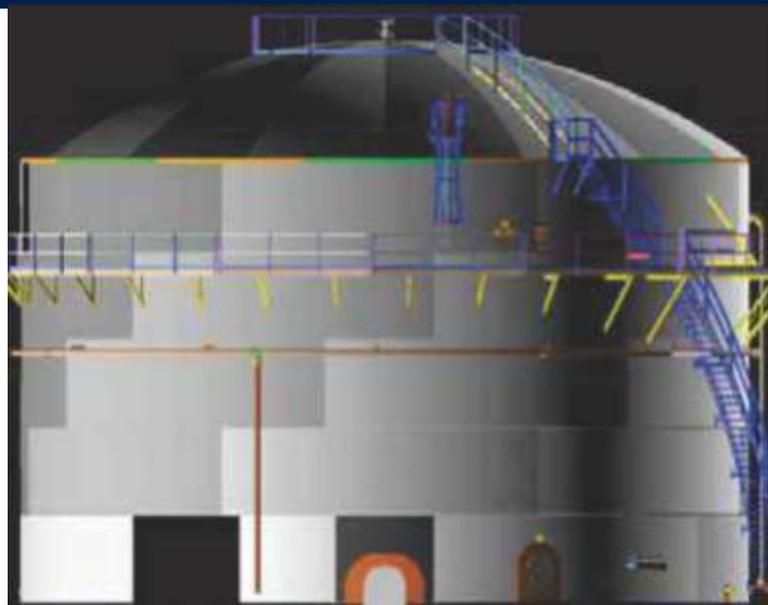
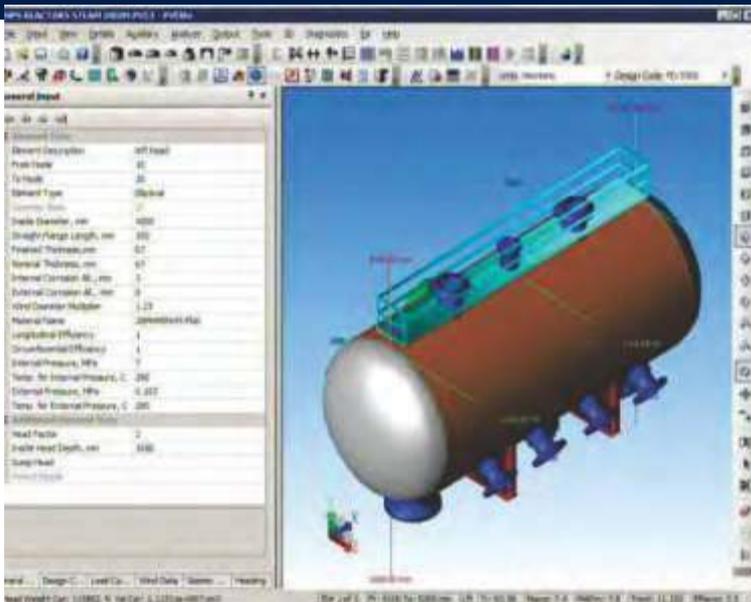
Nivafer manufacturing / fabrication processes are done based on detailed drawing received from the Engineering phase of each project

# Capabilities

Our designs adhere to the methods and principles:

- ◉ Compliance with all relevant international standards, regulations, codes and norms (Such as API, ASME, ASTM, NFPA, AWS, BSI, EN, IEC etc)
- ◉ Use of industry best practices and recognized / proven techniques, methods, equipment and materials
- ◉ Sustainability, energy efficiency, social responsibility and environmental awareness.
- ◉ Safety, efficiency and cost effectiveness
- ◉ Integrated project delivery throughout the complete project lifecycle
- ◉ We provide engineering designs using latest CAD tools and manufacturing ERP System such as Tekla Structures, Intergraph PV Elite, Ametank AutoCAD etc.

## Engineering Design



# Our Facility

NIVAFER fabrication facility is one of the best in Nigeria. The engineering, construction, integration processes are semi-automated to ensure a one stop EPCM facility. Over the years, NIVAFER through creative technology in steel construction, has met the needs for quality, standards and delivery time of our clients.

NIVAFER facility is approximately 62,000 sqm this includes total workshop covered area of 17,000 sqm and stacking area of 22,000 sqm.

## Key Fabrication Workshops

Shopfloor 1 - Piping -----	2,800.24 sqm
Shopfloor 2 - Plate & Vessel Workshop -----	2,070.60 sqm
Shopfloor 3 - Pipe Rack -----	1,044.00 sqm
Shopfloor 4 - Pipe Rack -----	1,276.00 sqm
Shopfloor 5 - White Shop (Stainless) -----	348.00 sqm
Shopfloor 6 - General Welding Workshop (Temporary) -----	167.31 sqm
Shopfloor 7 - Open Fabrication Area (Uncovered) -----	1,464.96 sqm



# Our Facility

## Painting Workshops

Nivafer facility includes painting workshops, with professional and highly skilled corrosion engineers and painters to meet client needs and specifications.

Painting Bay 1 -----	318.5 sqm
Painting Bay 2 -----	323.4 sqm
Painting Bay 3 -----	313.6 sqm
Painting Bay 4 -----	249.9 sqm
Painting Bay 5 -----	619.85 sqm



## Blasting Workshop

We also have within our facility, two bay climate controlled blasting workshop, which contains two fully functional grit recycling machines.

The workshop was carefully designed to minimize waste, while being environmental friendly.

Climate Controlled Blasting Room 1 -----	80.00 sqm
Climate Controlled Blasting Room 2 -----	64.00 sqm





# Our Facility

## Equipment

Three (3) trains of Computer Numeric Cutting machines for cutting up to 160mm thick CS & 25-35mm thick SS plates utilizing the Oxy-Propane, Plasma and High Definition Plasma Technology, Hand-held S70W Plasma Cutting Machine (cutting up 70mm thick stainless steel), Pipe Threading machines for CS and Galvanized pipes, Four Rolling machines with various capacities between 2mm and 60mm thick plate.



### CNC Controlled Cutting train

Three (3) trains of Oxy-acetylene, Plasma & High Definition Plasma CNC machines, for cutting, drilling and beveling plates up to 150mm thick for CS and 15mm thick for SS



### Heavy Duty Rolling Machines

Rolling machines with maximum capacity to roll up to 60mm plate thickness



**CNC Controlled Profile Sawing Machine** A multi spindle drilling and sawing line capable of handling a profile of 1000mm width with precision drilling, sawing and beveling capabilities for the fabrication of structural steel with zero errors and human intervention



### Dome Pressing & Flanging Machine

Max. press capacity of 200t, max. dish dia. of 3.2mtrs, straight flange thickness of 12mm for pressing dished heads



### Sub-Arc Welding Machine

Automated sub-arc welding machine for longitudinal and circumferential welds

# Project Experience

## Recently Completed Projects

- 1 **ASSA North Gas Project- ASSA, Imo, Nigeria**  
*Project period: 2019 - 2021*  
*Client: MONTEGO Holdings/ AGPC (for SEPLAT Petroleum Development Company Plc)*  
*Description: Fabrication & Integration of Pipe Racks & Manifold Skids*  
*Tonnage:900+ tons*
- 2 **ASSA North Gas Project- ASSA, Imo, Nigeria**  
*Project period: 2020 – 2021*  
*Client: Shell Petroleum Development Company Plc*  
*Description: Fabrication & Integration of HP Fuel Gas Treatment Skids*  
*Tonnage:50+ tons*
- 3 **GBARAN Infill Phase3A Project - Niger-delta, Nigeria**  
*Project period: 2019 - 2020*  
*Client: DAEWOO Nig. Ltd / SPDC*  
*Description: Engineering, Procurement & Construction (EPC) of 15nrs of Closed Drain Vent Vessels & Stacks*  
*Tonnage:15+ tons*
- 4 **Boil-Off Gas Project -Rivers State**  
*Project period: 2021-2022*  
*Client: Entrepose DBN / Nigeria LNG*  
*Description: EPC of Stainless Steel Quench Vessel*  
*Tonnage: 8+ tons*

## List of Major Projects- Storage Tanks & Tank Farms

- 1 **Southern Swamp & Associated Gas Solution Project (SSAGS) - Delta, Nigeria**  
*Project period:2013 - 2015*  
*Client: SAIPEM Contracting Nig. Ltd / SPDC*  
*Description:Engineering,Procurement& Construction(EPC) of 19 units of Storage Tanks*  
*Tonnage:103+ tons*
- 2 **ESCRAVOS Gas to Liquids Project-Niger-delta, Nigeria**  
*Project period:2009 - 2011*  
*Client: BENTINI Constructions / CHEVRON*  
*Description:Pre-fabrication of plate materials for 8nrs of Storage Tanks of various dimensions*  
*Tonnage:6,700+ tons*
- 3 **NIPCOLPG Terminal Project- Dockyard rd, Apapa, Lagos, Nigeria**  
*Project period:2008*  
*Client: NIPCO Nig Plc.*  
*Description: Construction & Installation of 3nrs of 3000m LPG Spherical Storage Tanks*
- 4 **FOLAWIYO Energy Fuel Depot - Apapa, Lagos, Nigeria**  
*Project period: 2005*  
*Client: Energem Nigeria Ltd.*  
*Description:Engineering, Procurement, Construction & Installation (EPC) of Floating Roof Storage Tanks & Service Vessels*  
*Tonnage:2,000+ tons*

## List of Major Projects- Heavy Steel Structures

- 1 **AGBADA NAG Gas Handling Facility-Rivers, Nigeria**  
*Project period: 2015 - Ongoing*  
*Client: MAKON Engineering & Technical Services Ltd. / SPDC*  
*Description:Engineering, Procurement & Construction (EPC) of Structural Steel Pipe racks*  
*Tonnage:785+ tons*
- 2 **Overland Airways Hangar Development Project - Lagos, Nigeria**  
*Project period:2014 - 2015*  
*Client: Overland Airways Ltd*  
*Description:Engineering, Procurement, Construction & Installation (EPCI) of Structural Steel Building for Aircraft Hangar*  
*Tonnage:607+ tons*
- 4 **Southern Swamp & Associated Gas Solution Project (SSAGS) Delta, Nigeria**  
*Project period:2013 - Ongoing*  
*Client: SAIPEM Contracting Nig. Ltd / SPDC*  
*Description:Engineering, Procurement & Construction (EPC) of Structural Steel Supports, Pipe racks, Flowstation & Shelters*  
*Tonnage:3.000+ tons*
- 5 **IKEJA Shoprite Shopping Mall Project - Lagos, Nigeria**  
*Project period:2011*  
*Client: Cappa & D'Alberto Ltd.*  
*Description:Procurement, Construction & Installation (EPCI) of Heavy Structural Steel Roof*  
*Tonnage:320 tons*

## Ongoing Projects

S/N	CLIENT	PROJECT	TITLE	TONNAGE	STATUS
1	TECNIMONT	REFURBISHMENT OF PORT HARCOURT REFINERY	EPC OF 6 NOS API STORAGE TANKS SHOP ASSEMBLED	93 T	Ongoing
2	TECNIMONT	REFURBISHMENT OF PORT HARCOURT REFINERY	EPCI OF 2 NOS API STORAGE TANKS SITE ASSEMBLED	346 T	Ongoing
3	TECNIMONT	REFURBISHMENT OF PORT HARCOURT REFINERY	TOTAL REFURBISHMENT OF POWER PLANT UTILITY AREA	TBA	Ongoing
4	LEE ENGINEERING	SPDC FISCAL METERING PROJECT	EPC OF 2 NOS GAS METERING SYSTEMS AND 4 NOS CRUDE METERING SYSTEM	427 T	Ongoing
5	VEENOCKS LIMITED	VEENOCKS CERAMIC TILE PROJECT	FIELD INSTALLATION OF STEEL STRUCTURES	2000 T	Ongoing
6	VEENOCKS LIMITED	VEENOCKS CERAMIC TILE PROJECT	EPCI OF SILOS, HOPPERS AND PLATFORMS	550T	Ongoing
7	SAIPEM CONTRACTING NIGERIA LIMITED	NLNG TRAIN 7	EPC OF 4 NOS PRESSURE VESSELS	TBA	Ongoing
8	SAIPEM CONTRACTING NIGERIA LIMITED	NLNG TRAIN 7	EPC GALVANIZED STEEL STRUCTURES	413 T	Ongoing
9	NLNG	COLUMN REPAIRS PROJECT	REERATING OF TANK FLARE KNOCK OUT DRUM, HOT WORKS FOR COLUMN REPAIRS (DEMETHANIZER)	TBA	Ongoing

# Project Showcase



**UPPER SKID STACKED ON LOWER SKID FOR  
SPDC ASSA NORTH GAS PROJECT (HP Fuel Gas Treatment Skid)**



**Fabrication & Assembly of 22nrs of Pipe Racks & Manifold Skids for ASSA North Gas  
Project (MONTEGO / GPS / Seplat)**



**Southern Swamp Associated Gas  
Gathering Solution (SSAGS) Project  
SAIPEM / SPDC**



**Pipe Racks for OGB Gas Plant  
OML 58 Saipem / TOTAL E&P**



**Agbada NAG Facility Pipe Racks  
MAKON / SPDC**



**Subsea Pipeline End Manifold  
(PLEM) Breda Energia / NAOC**



**Stainless Quench Vessel  
DBN NLNG Project**



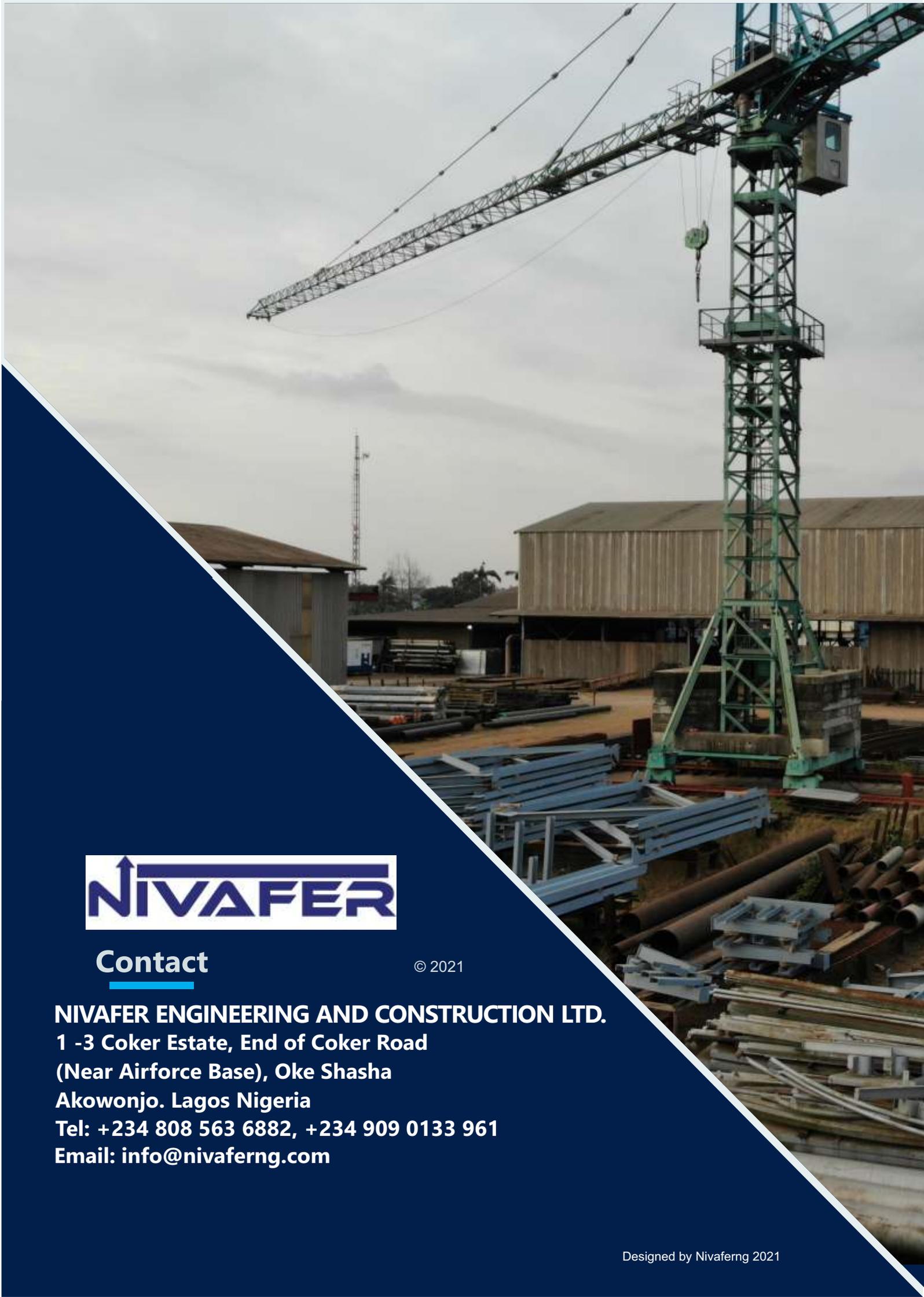
**Temporary Parking Structure  
Breda Energia / NAOC**



**LPG Spheres for NIPCO  
Plc. Lagos**

# Notable Clients





## Contact

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