



...Prompt and exceptional value delivery

COMPANY PROFILE





WHO WE ARE

Rheo Energy is an EPC and Energy Company that supports its clients to successfully identify, prepare and execute challenging energy and infrastructure projects.

We mix local expertise and international collaboration (when need be) to best serve clients needs.



VISION

To be a reference company for the smooth flow of oil & gas production using local content resources.

MISSION

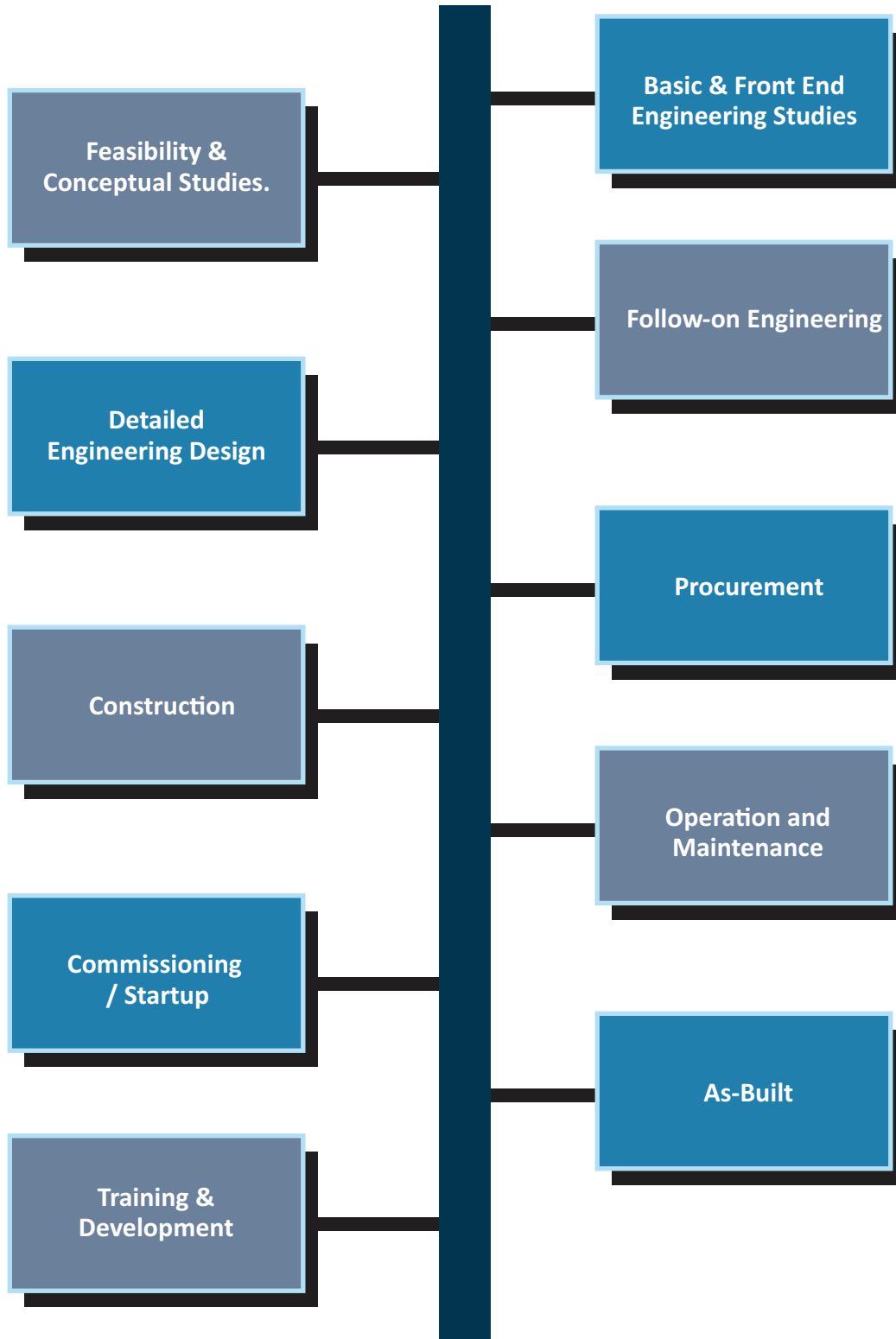
To deliver services with exceptional professionalism and innovative concept.

OUR SERVICES

RHEO ENERGY expertise, based on in house experience & capabilities cuts across the onshore, offshore & swamp upstream, midstream & downstream sectors of oil & gas industry as well as energy industry.



OUR CORE SERVICES



OUR COMPETENCIES

Rheo energy relies heavily on the competencies of internal resources in delivering specialized services which are designed to exceed client's expectations. State of the Art specialized technical tools are deployed to carry out these engineering studies and other required services.

A: SPECIALIZED ENGINEERING

1. Hydraulic Analysis.
2. Steady state & dynamic simulations.
3. Pressure surge Analysis.
4. Horizontal directional drilling.
5. Produced water treatment.
6. Equipment sizing.
7. Material selection.
8. Facility modification Analysis.
9. Pipeline design.
10. Stress Analysis.
11. Civil / Structural /Architectural /HVAC Analysis.
12. Instrumentation & control design.
13. Electrical design.
14. Flow Assurance.
15. Project Risk Analysis.
16. F&G detection & protection design.
17. Telecommunication & SCADA design.
18. Fire water system design (firewater hydraulics, spray and sprinkler, and deluge system design)
19. Technical optimization
20. Crude oil stabilizations studies.



B: OIL, GAS & WATER PLANTS

1. Early production facilities.
2. Oil gas & water separation (activities).
3. Crude oil treatment units.
4. Gas processing unit.
5. Water treatment.
6. Gas & water Re- injection.
7. Gathering system.
8. Wellhead facilities.
9. Pipeline systems.
10. Pumping and Compression System
11. Pressure Reduction and Metering System (PRMS)
12. FPSO/MOPU Inspection and maintenance via ROPE ACCESS
13. Meter Maintenance, Repair & Calibration
14. Valve Maintenance, Repair & Calibration
15. Plant Maintenance & Optimization



C: ELECTRICAL POWER PLANTS.

1. Gas turbine power generation plants.
2. Diesel generation packages.



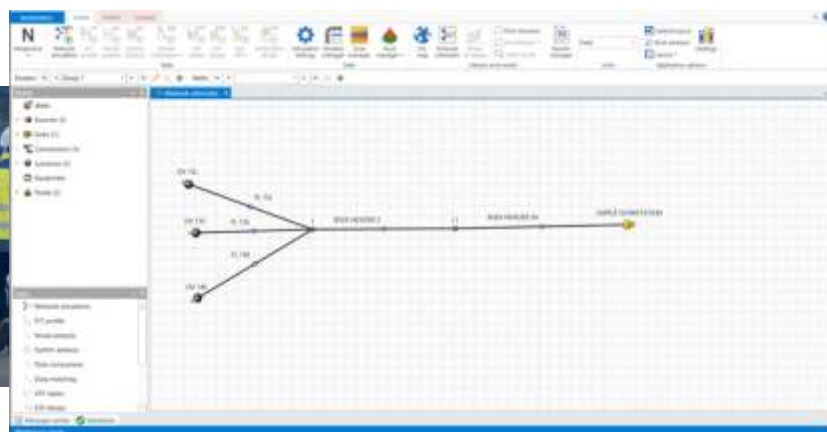
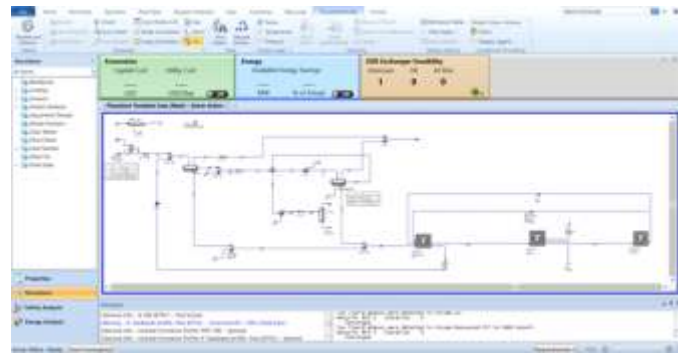
D: SIMULATION SOFTWARE COMPETENCY

Process and Hydraulics Simulations

1. Aspen HYSYS (steady state & dynamics): Oil and Gas process simulation software
2. OLGA – flow assurance (PVT Sim).
3. Aspen flarenet - flare system hydraulics.
4. Flaresim – flare system thermal radiation & noise foot print.
5. UNISIM: Oil and Gas process simulation software
6. PIPESYS – Pipeline hydraulics software
7. PIPEPHASE – steady-state, multiphase fluid flow simulation solution software
8. PIPESIM- Pipeline multiphase flow simulator
9. ASPEN HYSYS Petroleum Refining.
10. PIPENET – Spray/Sprinkler, Transient and Standard Module.
11. PHAST - Process Hazard Analysis Software.
12. Stress analysis (ceaser II).
13. CAD & 3D modeling.
14. PDMS.

Economic Evaluation Softwares

1. Aspen Capital Cost Estimator
2. Aspen In-Plant Cost Estimator
3. Aspen Process Economic Analyzer
4. Que\$tor - provides concept screening, optimization and detailed oil and gas CAPEX/OPEX cost estimate.



E TRAINING AND DEVELOPMENT

Rheo Energy has since focused on the training and development covering software and technical training which is bespoke to adapt our clients need.

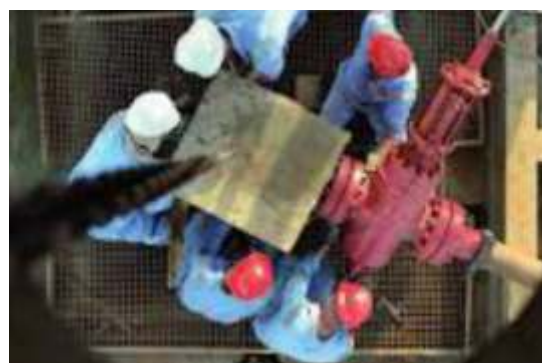
OUR TRACK RECORD

1. Client: Shell Company of Nigeria
Design office -SCiN-DO (Subcontractor through LEE Engineering/CAP Consult)
Project: Detailed Engineering Project Design of Gbaran Single Wellhead Opportunity- Process Engineering scope of work

2. Client: Greenville LNG
Project: Train 1 Facilities Maintenance: Critical valve Maintenance, Repair, Pressure Testing and Certification

3. Client: Greenville LNG
Project: Calibration of Flowmeter, Loading/Flow Check and Anomaly Corrections, PRVs, Temperature and Pressure Guages.

4. Client: Greenville LNG
Project: Function Testing, Servicing, Repair and Calibration of over 500 LNG



Truck PRVs

5. Client: Nigerian Gas Marketing Company Limited (NGMC) and Entec Power and Utility Company Limited – Joint Venture
Project:A. Engineering (FEED/DED) and Construction Supervision of Shagamu Cluster Gas Distribution Pipeline.

Project:B. Engineering (FEED/DED) and Procurement of proposed 12" X 56KM TRANSMISSION LINE (SAGAMU - IBADAN) & SHAGAMU CLUSTER GAS DISTRIBUTION NETWORK.

6. Client: USTDA/Green Powered Technology LLC.
Project: Gas Processing Feasibility TOR Review.

7. Client: USTDA/Green Powered Technology LLC.
Project: Uganda Refinery Project ESB and ESIA Review.

8. Client: Institute of Petroleum Studies.
Project: Process Engineering and Simulation Training

9. Client: Offshore Technology Institute
Project: Pipeline Maintenance and Integrity Management Training

HEALTH, SAFETY, SECURITY & ENVIRONMENT (HSSE) POLICY

RHEO Energy conducts its operations with highest regards to Health, Safety, Security of persons and preservation of operating Environment.

To achieve this, RHEO Energy will be guided by the following:

HEALTH AND SAFETY

We will set up a safe work-permit system and conduct our operations in accordance with applicable statutory regulations and oilfield best practices while also encouraging our employees and sub-contractor's employees to maintain a healthy work / life balance.

We shall give suitable Personnel Protective Equipment (PPE) for employees and implement their use in accordance with the policy. We shall also ensure that our sub-contractors also provide suitable PPEs and ensure use and enforcement in line with RHEO Energy's PPE Policy.

All company staff and sub-contractors shall be made aware that compliance with RHEO Energy's health and safety rules will be a condition of employment.

All incidents, including near misses shall be promptly reported and investigated to determine root cause(s) and lessons learnt from such shall be shared across the organization and with contractors.

We will put in place, a contingency plan for imminent emergencies and regularly conduct exercises to train all on emergency response procedures.

ENVIRONMENT

We shall carry out all our operations with proper regard to the preservation of the environment and in compliance with applicable local regulations and guidelines, and international codes of practice.

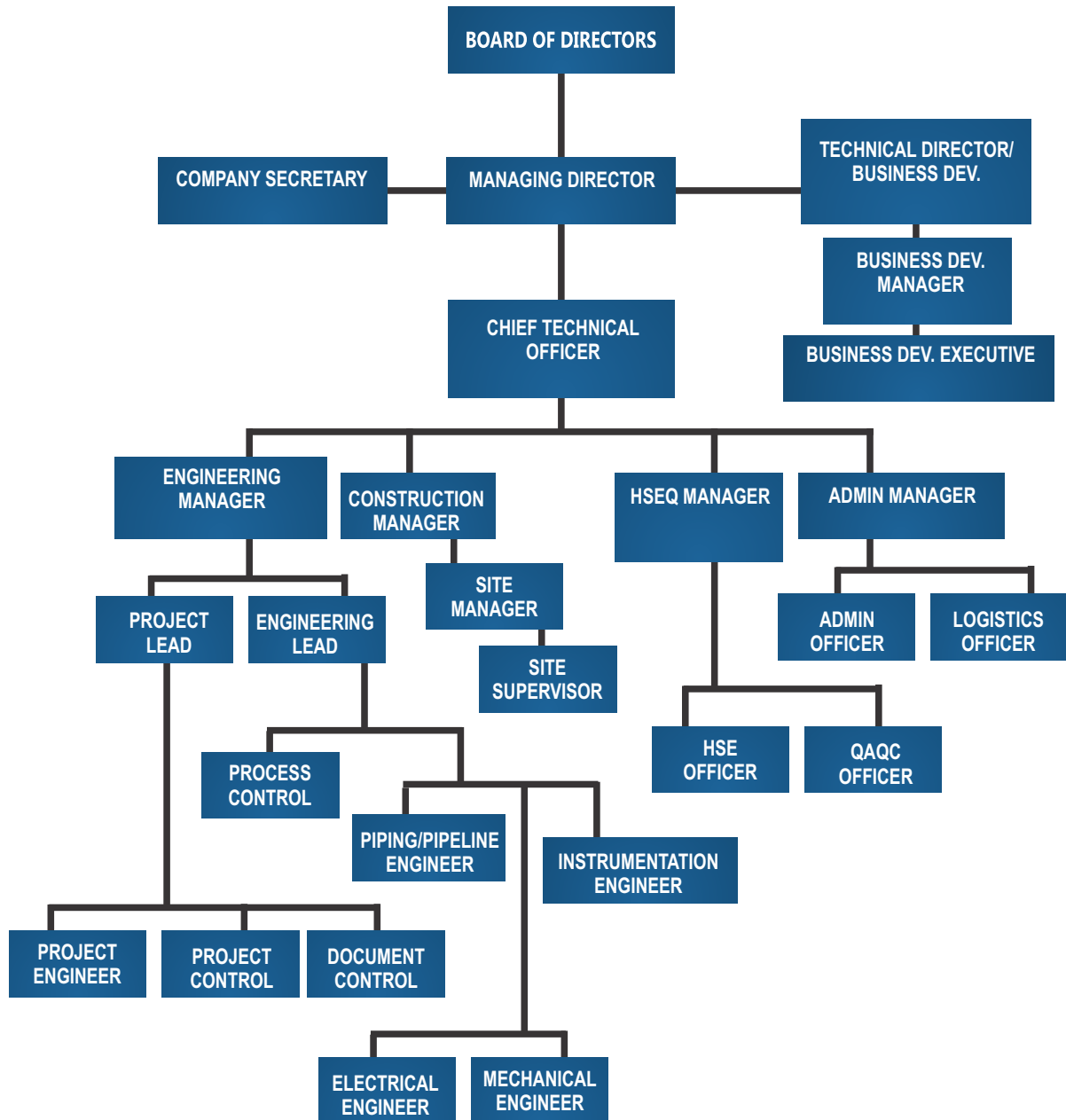
We will ensure that our developed Environmental Management Plans are monitored to ensure effectiveness of mitigating measures and reviews, as necessary.

SECURITY

We will associate with our host communities to safeguard lives and assets while applying non-confrontational security tactics in compliance with National and International laws with respect to Human Rights.



Our Company Structure



OUR CLIENTS





FEDERAL REPUBLIC OF NIGERIA
PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY

SPECIALIZED CATEGORY

PERMIT NO: DPR/OGISP/20/9061144/N207489

This Permit is hereby granted to

RHEO ENERGY LIMITED

of Plot 1 Omoba Egberongbe Ojomo Street, Hope Ville Estate,
Sangotedo, Ajah, Lagos, Lagos, Nigeria

to render the service to the Oil Industry in the Category listed hereunder:
MAJOR CONSTRUCTION SERVICES

- INSTALLATION AND UPGRADE OF OROVERE & OFFSHORE PRODUCTION FACILITIES & PLATFORMS
- PROCESS FACILITIES

This Permit expires on the Saturday, July 24, 2021

Fee Paid: ₦ 250,000.00

Dated 14th day of July 20 20



Director of Petroleum Resources

This permit does not cover "Supply of Explosive Materials" in any guise



FEDERAL REPUBLIC OF NIGERIA
PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY

SPECIALIZED CATEGORY

PERMIT NO: DPR/OGISP/20/3232497/N207492

This Permit is hereby granted to

RHEO ENERGY LIMITED

of Plot 1 Omoba Egberongbe Ojomo Street, Hope Ville Estate,
Sangotedo, Ajah, Lagos, Lagos, Nigeria

to render the service to the Oil Industry in the Category listed hereunder:
TECHNICAL CONSULTANCY

- FACILITY INSPECTION & MAINTENANCE SERVICE

This Permit expires on the Thursday, August 5, 2021

Fee Paid: ₦ 250,000.00

Dated 5th day of August 20 20



Director of Petroleum Resources

This permit does not cover "Supply of Explosive Materials" in any guise



FEDERAL REPUBLIC OF NIGERIA
PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY

SPECIALIZED CATEGORY

PERMIT NO: DPR/OGISP/20/126570/N207494

This Permit is hereby granted to

RHEO ENERGY LIMITED

of Plot 1 Omoba Egberongbe Ojomo Street, Hope Ville Estate,
Sangotedo, Ajah, Lagos, Lagos, Nigeria

to render the service to the Oil Industry in the Category listed hereunder:
HEAVY DUTY EQUIPMENT SUPPLY, INSTALLATION & MAINTENANCE

- SPARES
- GAS PROCESS EQUIPMENT

This Permit expires on the Friday, July 16, 2021

Fee Paid: ₦ 250,000.00

Dated 16th day of July 20 20



Director of Petroleum Resources

This permit does not cover "Supply of Explosive Materials" in any guise



FEDERAL REPUBLIC OF NIGERIA
PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY

SPECIALIZED CATEGORY

PERMIT NO: DPR/OGISP/20/7837105/N207495

This Permit is hereby granted to

RHEO ENERGY LIMITED

of Plot 1 Omoba Egberongbe Ojomo Street, Hope Ville Estate,
Sangotedo, Ajah, Lagos, Lagos, Nigeria

to render the service to the Oil Industry in the Category listed hereunder:
HEAVY DUTY EQUIPMENT SUPPLY, INSTALLATION & MAINTENANCE

- SEPARATORS
- VALVES (12 INCHES & ABOVE)

This Permit expires on the Saturday, July 24, 2021

Fee Paid: ₦ 250,000.00

Dated 24th day of July 20 20



Director of Petroleum Resources

This permit does not cover "Supply of Explosive Materials" in any guise


FEDERAL REPUBLIC OF NIGERIA
PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY
SPECIALIZED CATEGORY

PERMIT NO: DPR/OCISP/20/996575/N111408

This Permit is hereby granted to
RHEO ENERGY LIMITED

of Plot 1 Omoba Egberongbe Ojomo Street, Hope Villa Estate,
Sangotedo, Ajah, Lagos, Lagos, Nigeria

to render the service to the Oil Industry in the Category listed hereunder:
ONSHORE PIPELINE LAYING
- LAYING OF OIL AND GAS PIPELINE
- PIPELINE FABRICATION/CONSTRUCTION

This Permit expires on the Friday, August 27, 2021

Fee Paid: ₦ 250,000.00

Dated 27th day of August 20 20


Director of Petroleum Resources



This permit does not cover "Supply of Explosive Weapons" in any guise


FEDERAL REPUBLIC OF NIGERIA
PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY
SPECIALIZED CATEGORY

PERMIT NO: DPR/OCISP/20/5566681/N1221653

This Permit is hereby granted to
RHEO ENERGY LIMITED

of Plot 1 Omoba Egberongbe Ojomo Street, Hope Villa Estate,
Sangotedo, Ajah, Lagos, Lagos, Nigeria

to render the service to the Oil Industry in the Category listed hereunder:
TECHNICAL CONSULTANCY
- CALIBRATION/METER PROVING

This Permit expires on the Thursday, December 9, 2021

Fee Paid: ₦ 250,000.00

Dated 9th day of December 20 20


Director of Petroleum Resources



This permit does not cover "Supply of Explosive Weapons" in any guise


FEDERAL REPUBLIC OF NIGERIA
PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY
SPECIALIZED CATEGORY

PERMIT NO: DPR/OCISP/20/2214849/N134425

This Permit is hereby granted to
RHEO ENERGY LIMITED

of Plot 1 Omoba Egberongbe Ojomo Street, Hope Villa Estate,
Sangotedo, Ajah, Lagos, Lagos, Nigeria

to render the service to the Oil Industry in the Category listed hereunder:
OFFSHORE PIPELINE LAYING
- LAYING OF OIL AND GAS PIPELINE
- PIPELINE FABRICATION/CONSTRUCTION

This Permit expires on the Saturday, September 18, 2021

Fee Paid: ₦ 250,000.00

Dated 18th day of September 20 20


Director of Petroleum Resources



This permit does not cover "Supply of Explosive Weapons" in any guise


FEDERAL REPUBLIC OF NIGERIA
PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY
MAJOR CATEGORY

PERMIT NO: DPR/OCISP/20/7185304/N194056

This Permit is hereby granted to
RHEO ENERGY LIMITED

of Plot 1 Omoba Egberongbe Ojomo Street, Hope Villa Estate,
Sangotedo, Ajah, Lagos, Lagos, Nigeria

to render the service to the Oil Industry in the Category listed hereunder:
CONSULTANCY SERVICES
- ENGINEERING SERVICES (NAME MAN/BOUR)

This Permit expires on the Saturday, July 3, 2021

Fee Paid: ₦ 35,000.00

Dated 3rd day of July 20 20


Director of Petroleum Resources



This permit does not cover "Supply of Explosive Weapons" in any guise


FEDERAL REPUBLIC OF NIGERIA
PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY
MAJOR CATEGORY

PERMIT NO: DPR/OGISP/20/1484470/N221898

This Permit is hereby granted to
RHEO ENERGY LIMITED

of Plot 1 Omoba Egberongbe Ojomo Street, Hope Villa Estate,
Sangotedo, Ajah, Lagos, Lagos, Nigeria

to render the service to the Oil Industry in the Category listed hereunder:
CALIBRATION SERVICES
- OIL AND GAS MEASURING EQUIPMENT/INSTRUMENTS
- RELIEF PRESSURE SAFETY VALVES CERTIFICATION, ETC.

This Permit expires on the Wednesday, December 8, 2021

Fee Paid: ₦ 25,000.00

Dated 5th day of December 20 20

 
Director of Petroleum Resources

This permit does not cover "Supply of Explosive Weapons" in any guise


FEDERAL REPUBLIC OF NIGERIA
PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY
MAJOR CATEGORY

PERMIT NO: DPR/OGISP/20/6628360/N207503

This Permit is hereby granted to
RHEO ENERGY LIMITED

of Plot 1 Omoba Egberongbe Ojomo Street, Hope Villa Estate,
Sangotedo, Ajah, Lagos, Lagos, Nigeria

to render the service to the Oil Industry in the Category listed hereunder:
EQUIPMENT/MATERIAL SUPPLY SERVICES
- VALVES UP TO 12" NOZZLES & FLANGES
- SEALS, "O" RINGS, BOLTS AND NUTS

This Permit expires on the Friday, July 16, 2021

Fee Paid: ₦ 25,000.00

Dated 16th day of July 20 20

 
Director of Petroleum Resources

This permit does not cover "Supply of Explosive Weapons" in any guise


FEDERAL REPUBLIC OF NIGERIA
PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY
MAJOR CATEGORY

PERMIT NO: DPR/OGISP/20/1999860/N107610

This Permit is hereby granted to
RHEO ENERGY LIMITED

of Plot 1 Omoba Egberongbe Ojomo Street, Hope Villa Estate,
Sangotedo, Ajah, Lagos, Lagos, Nigeria

to render the service to the Oil Industry in the Category listed hereunder:
CONSULTANCY SERVICES
- TRAINING/HUMANPOWER DEVELOPMENT/ENGINEERING

This Permit expires on the Friday, July 16, 2021

Fee Paid: ₦ 25,000.00

Dated 16th day of July 20 20

 
Director of Petroleum Resources

This permit does not cover "Supply of Explosive Weapons" in any guise


FEDERAL REPUBLIC OF NIGERIA
PERMIT TO OPERATE AS AN OIL INDUSTRY SERVICE COMPANY
GENERAL CATEGORY

PERMIT NO: DPR/OGISP/20/6064443/N194225

This Permit is hereby granted to
RHEO ENERGY LIMITED

of Plot 1 Omoba Egberongbe Ojomo Street, Hope Villa Estate,
Sangotedo, Ajah, Lagos, Lagos, Nigeria

to render the service to the Oil Industry in the Category listed hereunder:
MAINTENANCE
SUPPLY
- MINOR CIVIL MAINTENANCE MATERIALS
- MINOR MECHANICAL MAINTENANCE MATERIALS
- MINOR ELECTRICAL MAINTENANCE MATERIALS

This Permit expires on the Wednesday, June 30, 2021

Fee Paid: ₦ 5,000.00

Dated 30th day of June 20 20

 
Director of Petroleum Resources

This permit does not cover "Supply of Explosive Weapons" in any guise





Contact Us

Address: 13 Gbenga Adeyinka 1st Street,
Lekki Phase I, Lagos.

email: info@rheoenergy.com
www.rheoenergy.com

Phone: +234 8082833205