



**Alfa
Centauri**
West Africa Ltd

www.alfacentauri.com.ng



Introduction

Alfa Centauri West Africa Ltd is a wholly indigenous firm registered with the Corporate Affairs Commission of Nigeria.

The company originally opened for business as Alfa Centauri Pumps Ltd. in 1995 with primary focus on the sales, installation, and maintenance of both industrial and domestic pumps, electrical control panels, valves and fittings and clientele was limited to the general manufacturing sector and public utility companies.

However, the deregulation of the downstream sector of the Oil & Gas industry brought increased demand for our products and services and the urgent need for us to widen the scope of what we do

Consequently, we increased our scope to include:

What we do

Tank Construction



We build steel tanks for storage of water and oils for both domestic and industrial concerns, such tanks could be vertical, horizontal, spherical etc.

We also do measurement of these storage tanks and provide necessary dimensions for calculation of calibration charts



Tank Construction



Picture shows a 55,000 metric ton capacity storage facility recently built by Alfa Centauri West Africa Limited in Freetown Sierra Leone for Leoneoil Company limited.

It is equipped with state of the art electronic metering, fire fighting and automatic tank gauging system. This terminal is partially automated

Photo Gallery



Please Visit Our Online store for a comprehensive list of
our products and services

www.acpumps-ng.com

Construction of steel tanks for industrial and domestic use.



We supply and install sectional panel tanks (Braithwaite) and pressed steel tanks which conserve water at the highest quality standards, ensuring that clean water remains clean.



They serve the needs of private residences, residential complexes, hospitals, food and beverages factories, and offices as well as oil and gas industries, rural, municipal, urban and irrigation projects where large scale water is required.

Water filtration system installed in a water works





Booster and water transfer pumps installed in a water works.

Mobile booster pump for irrigation and other purposes



Supply and Installation of Meters and valves



In addition to reliability, these meters are durable and rugged, and also have low life cycle cost. Execution is in a variety of materials depending on our customers desire and objective.

Considering how critical metering can be in fluid management, we decided to promote a few of the most accurate and linear meters in the world.



Pipe Laying



We do pipe laying for surface, tunnel and underground purposes

Electrical Works



Our electrical department offers full service facility for engineering and fabrication of custom electrical control panels, motor controls and process control panel.

Our services are known for reliability and cost effectiveness. We have been quite successful in Automations (design, fabrication and installation of Motor Control Panels), Insulation Testing, Earth Testing, High and Low Voltage Power installations and notably designs and installation of Independent Power Plants (IPP) etc.

We specialize in the Design, Consulting, Installation, Fabrication and Maintenance of Switchgears and Distribution Boards, Energy Management & Metering Solutions, and Solar Applications etc.

Electrical Works



- Electrical Power Audits.
- Cathodic Protection
- Power Plant Turnkey Engineering Solutions.
- HV/MV/LV Substations
- MV/LV Distribution Networks
- Overhead Transmission Lines
- Energy Management
- Solar Applications
- Procurement Services
- Inverters & Batteries
- Low Voltage Electrical Products



- Consulting
- Power and Lighting Audit
- Automation
- Turnkey Electrification
- Industrial Lighting
- Street Lighting
- Earthing (Grounding)
- Lightning Protection
- Engineering Expertise

Electrical Works



- Motor and Power Distribution Control Panels
- Automatic Switch Over (ATS)
- Capacitor Banks
- Generators
- Switchgears Panels
- Control & Protection Panels
- MV Disconnect Switches
- Transformers
- RMU & HT Switchgear
- Tower Mast



Pumps and Electric Motors



We stock, sell, install and maintain industrial process pumps, centrifugal, self priming, positive displacement, submersible sewage drainage, split case, multi stage vertical and horizontal types of pumps



With this array we service the public utility companies, food and chemical processing industries and the oil and gas sector companies

Supply and installation of technical safety equipment



Alfa Centauri West Africa Ltd. Provides a comprehensive range of technical safety equipment that supports safe performance of a facility over its entire life cycle

Supply and installation of technical safety equipment



Fire hose reel box, fire hoses and the kits for fire fighting in both the manufacturing industries and Oil & Gas facilities



Horizontal multi-stage pump with pressure tank used for booster operations



Automatic Fire Extinguisher



Close-coupled centrifugal pumps with pressure tank for booster operations

Gantry Construction



Side and Aerial view of an 8 loading position gantry built by Alfa Centauri West Africa Limited.

Automatic tank gauging system



We design, supply and install automatic tank gauging systems (ATG)

The Automatic Tank Gauging System (ATG) is an electronic device whose basic function is to monitor the fuel level in the tank over a period of time to see if the tank is leaking.

It can also tell the facility operator what is going on in the tank (i.e fuel level, volume and temperature/water level and volume, high and low fuel level warnings)

Automatic tank gauging system

The ATG System achieves all these through the following hardware;



**Radar level
gauge**



**Temperature
transmitter**



**Tank Hub/Side
monitor**

The above mentioned hardware are usually installed at the hazardous areas (tank farm)

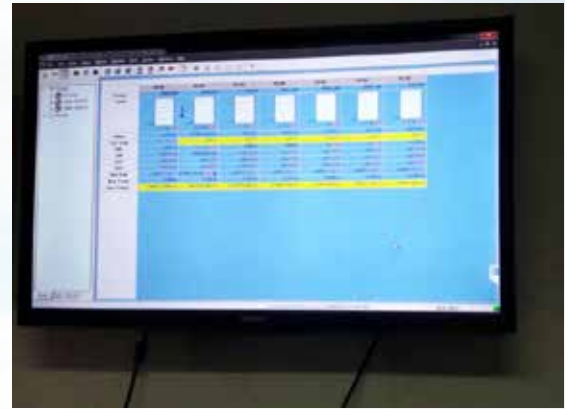
Automatic tank gauging system



**Field Bus Modem
FBM**



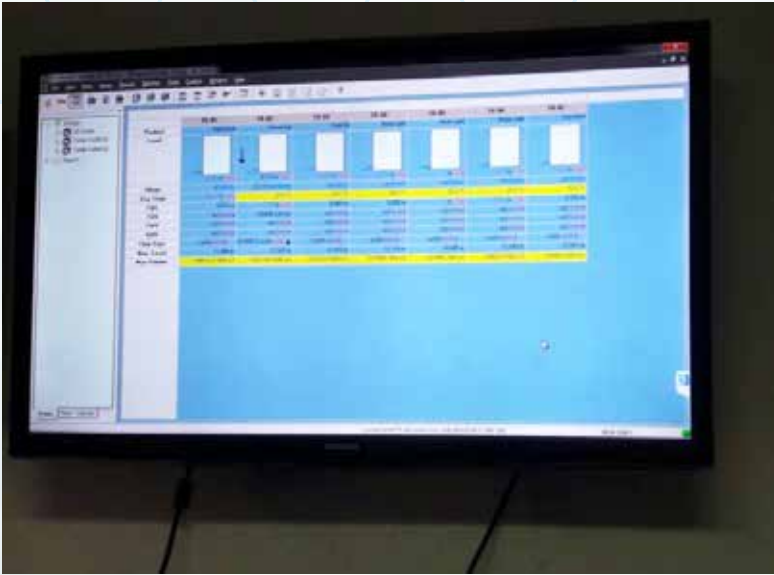
CPU



**Monitor Showing 7 tanks
With parameters**

These are installed in non hazardous areas (Control room}, they are called tank master PC

Automatic tank gauging system



It saves facility owners the troubles of having to ascend the roof of their tanks every morning and every evening for the purpose of dipping to obtain levels of fuel, a result that at times could be misrepresented either mistakenly or deliberately.

In summary, the ATG can achieve the following:

- Improved delivery scheduling
- Eliminate the need for manual measurement
- Access accurate real-time data through secure login
- Achieve seamless custody transfer and reconciliation
- Eliminate pilfering through deliberate wrong dipping records

Our Clients

- **Leoneoil Company Ltd Sierra Leone**
- **Sierra Rutils Ltd Sierra Leone**
- **National Petroleum Ltd Sierra Leone**
- **ASCON Oil and Gas Ltd Lagos**
- **SETANA Energy Ltd Lagos**
- **DOZZY Oil and Gas Ltd Calabar**
- **Lagos State water Cooperation**
- **Nestle Nigeria Plc**
- **Cleanserve Energy Resources Nigeria Ltd**
- **Nigerian Navy**
- **Enugu State water board**
- **Aminata Petroleum Sierra Leone**

Our Clients

- **Ragolis Water Nigeria Ltd**
- **Etco Nigeria Ltd**
- **May & Baker Nigeria Plc**
- **A-Z Petroleum**
- **Rainoil Ltd Oghara Delta State Nigeria**
- **Cybernetics Oil and Gas Ltd Oghara
Delta State Nigeria**
- **Petrol Leone Ltd Sierra Leone**
- **PetroJetty Ltd. Sierra Leone**
- **SOCFIN Agricultural Co. Ltd Sierra Leone**
- **Fresh Synergy Limited Ikot Abasi**
- **Liberian Refining and Petroleum Company (LPRC)**

Jobs Executed

(1) Supply/Installation of Technical Safety Equipment/Product

Pumps for Dozzy Oil & Gas Calabar.

(2) Supply /Installation of technical Safety Equipment/Product

Pumps for Kings Crown Oil Calabar.

(3) Cargoline /Tank Farm Piping for Fresh Synergy - Ikot Abasi.

(4) Supply/Installation of Metering, Technical Safety & Product

Pumps for Ascon Setana Energy Village - Oghara.

(5) Supply/Installation of Technical Safety Equipment & Product

Pumps for Dutchess energy- Oghara.

(6) Supply/Installation of Metering system, Technical Safety

equipment & product pump for Rain Oil & Gas Ltd.-Oghara

Jobs Executed

(7) Supply of metering system, technical safety equipment & product pumps to Promenade Oil& Gas –Ijegun.

(8) Rehabilitation / Upgrade of Leonoil Terminal in Freetown, Sierra-leone

(9) Design/Construction of 20,000 MT Capacity AGO storage tank for Sierra Rutile- Sierra Leone.

(10) Design of 45,000MT capacity depot for Aminata Petroleum Freetown –Sierra Leone.

(11) Design of 1.6 km Cargo line for Cross Ocean Refinery – Freetown- Sierra Leone.

(12) Modification of 1km cargoline for Petrol Leone in Kissy Freetown(Phase 1).

Jobs Executed

(13) Construction of 450,000 litres Braithwaite Tank for Lagos State Water Corporation.

(14) Recharging of Water Treatment Plant's Filters for Idimu Water works.

(15) Installation and Maintenance of Fire Alarm System at Olam Grains Port Harcourt.

(16) Supply and Installation of Automatic Fire Extinguishers in all Zenith Bank Plc branches across Nigeria.

(17) Rehabilitation/ Upgrade of NP SL Ltd. depot in Freetown Sierra Leone

(18) Design and construction of Aminata. depot in Cline town, Freetown Sierra Leone

(19) Design and construction of Aminata. depot in Kissy, Freetown Sierra Leone

Our Partners



Quality policy

Our Corporate quality policy is defined as follows:

Ensuring customer satisfaction consistency, by providing value added products and services while maintaining certified safety standards

Ensuring that each employee has optimum resources and facilities at their disposal to help them achieve both internal and customer focused goals Identify Areas of weakness and strive to improve work processes to achieve world class standard

Quality policy




At Alfa Centauri West Africa, we acknowledge the fact that quality service and products are the only means through which we can achieve technological excellence and as well be regarded by our customers through repeat orders

ISO 9001:2015 Certified



Department of Petroleum Resources Approval (DPR)


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

PERMIT NO: DPR/OGISP/19/5868450/N173619


This Permit is hereby granted to
ALFA CENTAURI PUMPS LTD

of 6, Coker Road, Ilupeju
Lagos, Lagos, Nigeria


to render the service to the Oil Industry in the Category listed hereunder:
MAINTENANCE
- MINOR MECHANICAL
SUPPLY
- MINOR MECHANICAL MAINTENANCE MATERIALS
- MINOR ELECTRICAL MAINTENANCE MATERIALS
This Permit expires on the Friday, August 28, 2020

Fee Paid: ₦ 5,000.00

Dated 28th day of August 20 19


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
MAJOR CATEGORY

PERMIT NO: DPR/OGISP/20/9302635/N170557

This Permit is hereby granted to
ALFA CENTAURI (WA) LIMITED


of Chibotu Okoye House, 2, Ogunji Street, Ilupeju
Lagos, Lagos, Nigeria


to render the service to the Oil Industry in the Category listed hereunder:
INSTALLATION AND MAINTENANCE SERVICES
- MECHANICAL INSTALLATION/MAINTENANCE & MATERIALS
- ELECTRICAL INSTALLATION/MAINTENANCE & MATERIALS

This Permit expires on the Tuesday, July 27, 2021

Fee Paid: ₦ 25,000.00

Dated 27th day of July 20 20


Director of Petroleum Resources



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

Photo Gallery



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Safety policy



- **Our safety procedure manual complies with and surpasses the industry requirements.**
- **Every member of our staff is adequately briefed and educated on the likely hazards of every job before commencement.**
- **Experienced safety officers are used on every project to enforce compliance with safety procedures.**
- **Adequate personal protection equipment and gears are provided for every staff working on site.**
- **Our sub-contractors are subject to our safety procedure.**

Awards



Winner African Quality Achievement Award 2017.



Winner 2016 CED corporate Service Award of Excellence, (Technology Driven Company category)



**Winner African Gold Award 2011,
(For proficiency in automated fire fighting technology)**

Our Vision for the industry

With over 2 decades of experience, we strongly believe we are well positioned to contribute to the growth of the oil and gas industry, as an organisation that is focused on rapid change we are consistently looking for avenues to not only add value but also create a truly global brand for many years to come, With our market expansion into the west African sub region we are constantly striving to build sustainable business alliance and also boost the economy in terms of job creation.

Thank you
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