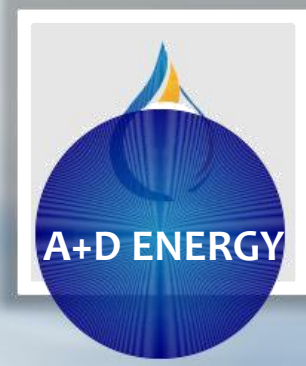
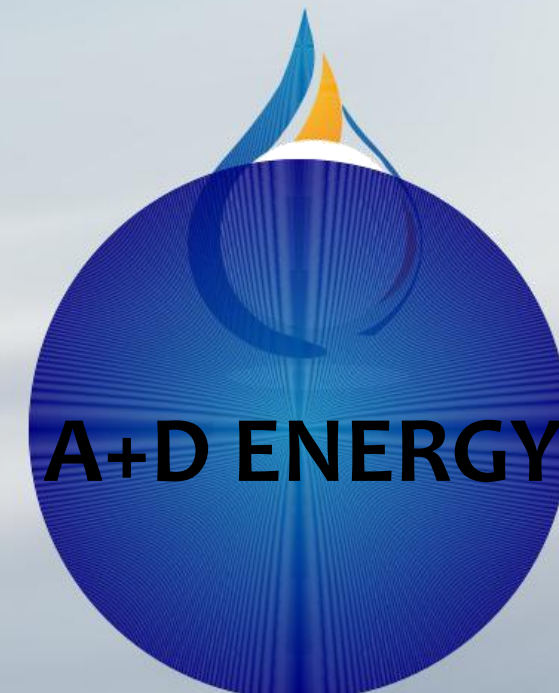
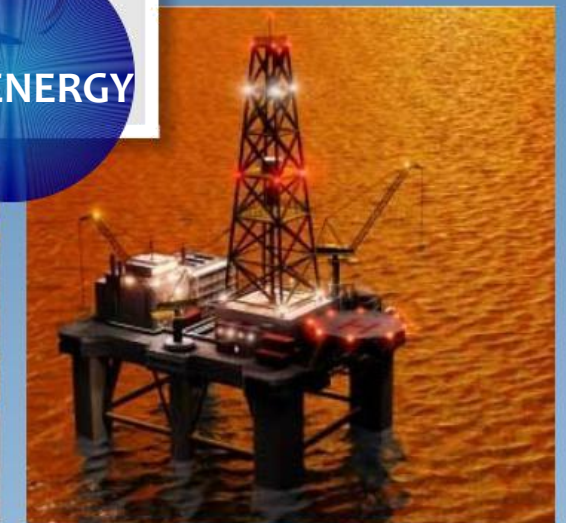


# Company Profile



## OUR OFFICE:

UNITED STATE: 956 MARCY AVENUE, BROOKLYN, NY11216 NEW YORK  
TELEPHONE: +19292182328, +2348033602046



- a) Industrial chemicals
- b) Laboratories chemicals
- c) Agro chemicals

## INDEX

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19.0	DEALERS OF ALL KINDS OF CHEMICALS USED IN OIL FIELDS.
20.0	DEALERS IN OIL DRILLING TOOLS.

## 1.0 THE COMPANY

A + D ENERGY LTD was incorporated in Nigeria and America as a public limited company on August 19th, 2008 and May 20th, 2017 respectively with RC No 766701 and was granted the certificate of commencement of business.

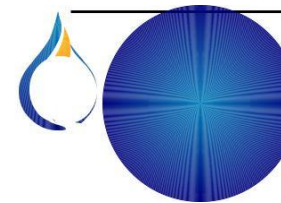


A+D ENERGY was established to offer engineering, procurement, installation, inspection of production/process facilities, construction/maintenance services, to trade petroleum products in the oil and gas industry, engineering tools, chemicals, amphibious equipment leasing, engaging in oil exploration, oil drilling, . The company is managed by highly qualified and experienced professionals in engineering, oil and gas industry. The technical team has successfully carried out many jobs in the past.

We have continued to consolidate and expand on our capabilities in recent times through manpower training, acquisition of relevant design / engineering tools and equipment. We equally offer full range of technical back-up services on our jobs on request of our clients who have continuously benefited from such services.

Quick and reliable information dissemination in the company is achieved through a sound communication network comprising of telephones, fax and e-mail facilities.

Team concept is employed on every level of our activities, which is aimed at ensuring that A + D ENERGY stands out as one of the leading companies in engineering, Oil and Gas service companies in Nigeria and America. Our objective remains to serve the needs of the engineering services, Oil and Gas Industries, delivering quality as defined by international standards to our customers all the time.





## 2.0 MISSION STATEMENT



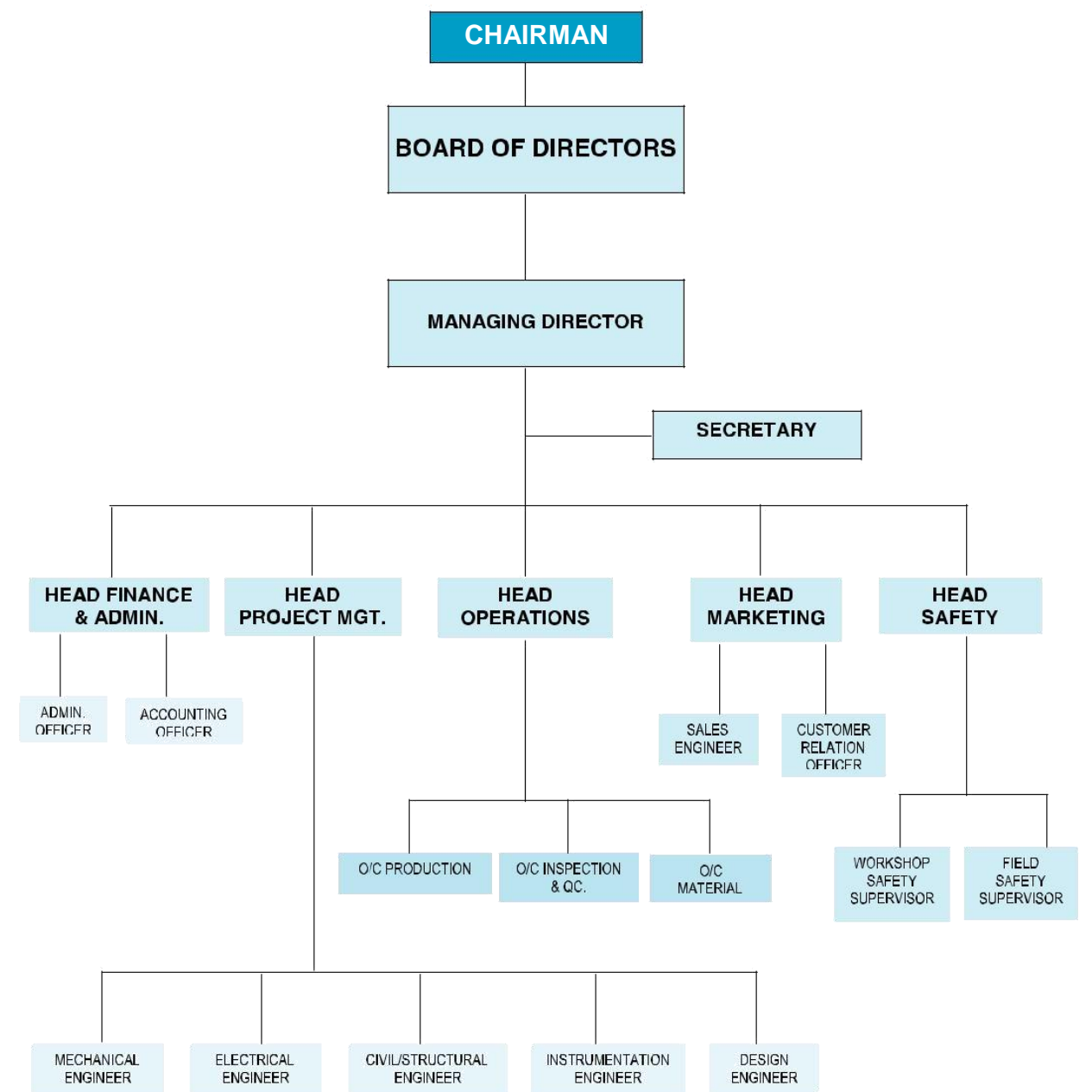
A + D ENERGY is a company committed to Total Quality Management (TQM) with a motivated workforce, ensuring that jobs are executed/delivered safely on schedule to customer specification and satisfaction.

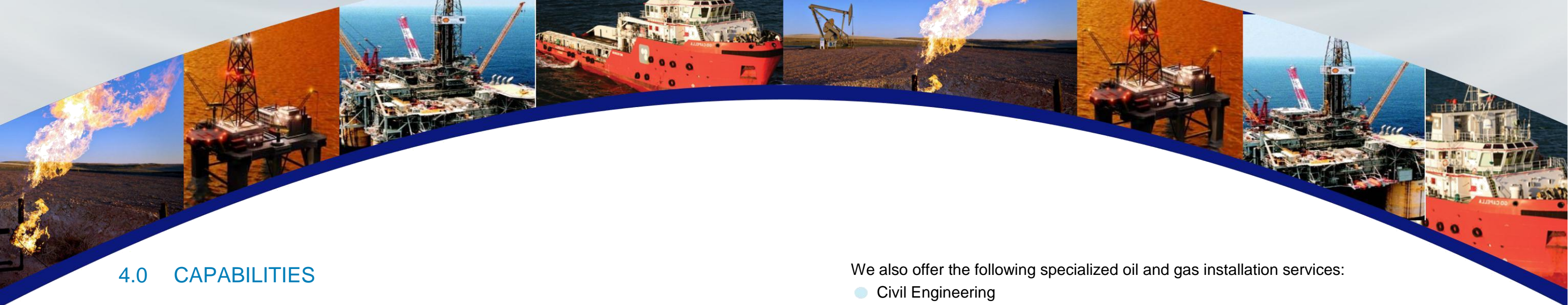
## VISION



Is to be the most successful and rewarding company, offering the best values and services to customers within a safe working and sustainable Environment.

## 3.0 OUR STRUCTURE





## 4.0 CAPABILITIES



A + D ENERGY with diligent manpower training, acquisition of relevant design/engineering tools and equipment, has adequate capabilities to carry out services in the following areas:

- 1) Equipment leasing
- 2) Engineering Design
- 3) Procurement
- 4) Construction
- 5) Contract Management
- 6) Maintenance Services
- 7) Installation and Commissioning

We also offer the following specialized oil and gas installation services:

- Civil Engineering
- Cathodic Protection
- General Corrosion Control / Maintenance
- Sand Blasting/ Painting Process Facility
- Pipe Line Laying and Installation
- Mechanical Maintenance / Repairs
- Refurbishment / Supply of Mechanical Seals
- Supply of Electrical / Mechanical / Instrumentation spares
- Mechanical Equipment Installation
- Industrial Instrumentation services
- Electrical system Maintenance
- Inspection of production/process facilities

With our well-trained and tested professional workforce, we have tenaciously remained active in both the upstream and downstream sectors of the Oil and Gas Industries, showing a practical commitment to quality and satisfaction of the desired standards of our clients.

We have achieved critical engineering designs to the satisfaction and appreciation of our clients with the aid of our computer software facilities (AutoCAD, AutoPlant, AutoPipe, etc). International standards and codes are employed in our design considerations to meet customers' requirements and expectations.

As a company committed to Total Quality Management (TQM), jobs are executed and delivered on schedule to customer specification and satisfaction.

The use of advanced technological and management tools / techniques have helped in consolidating our position as a major player in the Oil and Gas industrial sector.



## 4.1 ENGINEERING DESIGN

### I) INTRODUCTION:

We are guided by procedure in accordance with Standard Engineering practices. These Standard Engineering practices in many cases are tailored to suit our client's guidelines. Our team of Engineers is guided by the following considerations during design:

- a) Customer's requirement and expectations
- b) Recognized standards and codes
- c) Regulatory and statutory requirements
- d) Available technology and
- e) Cost effectiveness.

### II) FACILITIES AVAILABLE:

- a) Computer hardware (PCs, Printers, Plotters, etc.)
- b) Computer software (AutoCAD, Auto PLANT, Auto PIPE, etc.)
- c) Technical Library (International Standard and Codes, Engineering Handbooks and Publications of Regulatory and Societal bodies)
- d) Amphibious equipment

### III) CAPABILITIES:

- a) Process Engineering and technology
- b) Mechanical/Piping
- c) Civil/Structural
- d) Electrical
- e) Controls and Instrumentation.
- f) Clearing & excavation of swamp locations for pipe laying.

## 4.2 PROCUREMENT



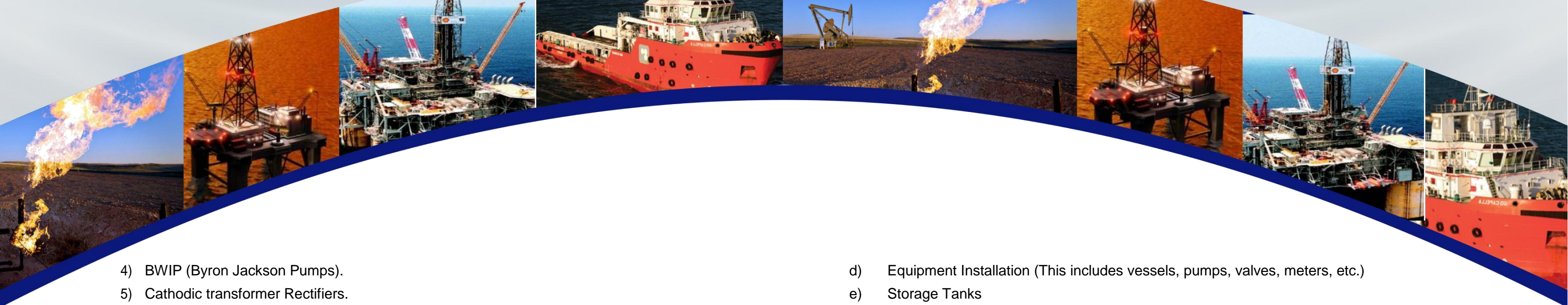
1) Valves



2) Pipes



3) General Instrumentation items like meters, gauges, actuators, etc.



- 4) BWIP (Byron Jackson Pumps).
- 5) Cathodic transformer Rectifiers.



- d) Equipment Installation (This includes vessels, pumps, valves, meters, etc.)
- e) Storage Tanks
- f) Steam System



### 4.3 CONSTRUCTION

We offer the following services:

- I) CIVIL/STRUCTURAL:
  - a) Concrete and Steel works (These include equipment foundations, structural frames and supports, walkways and platforms).
  - b) Buildings and Drainages
  - c) Utilities
- II) MECHANICAL/PIPING:
  - a) Piping
  - b) Fabrication
  - c) Assembly



- III) ELECTRICAL/INSTRUMENTATION:
  - a) Medium and Low voltage Installation
  - b) Equipment Installation
  - c) Installation of Instrument (Electrical and Pneumatic)
  - d) Fire and Gas Detection Systems
  - e) Remote Data gathering (Telemetry, SCADA/DCS)
  - f) Emergency Shut Down (ESD) Systems



Equipment installation cover such things as Transformers, Motors, Generators, Switch-gears, Control Panels, Micro-processor based systems, Earthing systems, Lightning Protection systems, Electrical distribution and reticulation and ESD Systems.

We install all range of instruments (indicating and transmitting) such as Gauges (level, pressure, temperature, etc.), Meters, Provers, Control Valves, Process control systems, Valve actuators, Pneumatic systems, etc.

#### 4.4 CONTRACT MANAGEMENT

A + D ENERGY has demonstrated its ability to focus on improving performance in the area of contract management. In our contract management scheme, we have developed several means of ensuring that contracts are properly managed and executed to the satisfaction of the customer. Products and services are verified, stored and maintained. All customer-supplied products must be adequately taken care of. Where we have unsuitable/defective customer-supplied materials, such materials are identified, tagged and placed in protective custody to avoid damage while we make arrangements for their replacement. Furthermore, in our contract management scheme, we have records for process control. These records help us ensure that all operational activities of the company are carried out under controlled conditions to achieve desired output.

A + D ENERGY ensures that equipment are inspected and tested under the contract management scheme before delivery to our client. We monitor the level of conformance of materials, work activities and completed services to ensure that they meet standard requirements.

This applies to all materials and equipment, as well as our work processes and activities. □

#### 4.5 MAINTENANCE

- a) Routine
- b) Preventive
- c) Trending-failure forecast
- d) Shut down maintenance
- e) UTM (Ultrasonic Thickness Measurement)

#### FIELDS:

- i) Civil/Structural
- ii) Mechanical
- iii) Rotating Equipment
- iv) Electrical/Instrumentation
- v) Tank Farm



Automation Control

- I) CIVIL/STRUCTURAL MAINTENANCE:
  - a) Repair of concrete and steel works
  - b) Repair of roads
  - c) Repair of drainage
  - d) Refractory works
- II) MECHANICAL MAINTENANCE:
  - a) Valve servicing and overhaul (Range of valves repair includes Control valves, Safety valves, Block and bleed valves, Diverter valves, Gate valves, Ball valves, etc.)
  - b) Pump repair, servicing and overhaul
  - c) Compressor repair, servicing and overhaul
  - d) Mechanical seals refurbishment
  - e) Machining and workshop services
  - f) Piping modification
  - g) Leakage repair
  - h) Steam systems upgrade
  - i) Inspection of production/process facilities
  - j) Heat Exchanger cleaning and re-tubing

III) ELECTRICAL/INSTRUMENT MAINTENANCE:

- a) Servicing of electrical distribution systems
- b) Servicing of actuators
- c) Servicing/Calibration of meters and metering systems
- d) Servicing/Calibration of control valves
- e) Servicing/Calibration of PSVs
- f) Servicing of tank gauging systems
- g) Calibration of instruments (indicators and transmitters)
- h) Calibration of tanks
- i) UTM (Ultrasonic Thickness Measurement)

We are well equipped with certified calibration and test equipment that are traceable to NIST and other international standards. In addition, we are accredited by the local authorities (Weights & Measure, and Department of Petroleum Resources) to carry out these services in Nigeria.

## 5.0 MANPOWER/EXPERIENCE & RESUMES

Discipline	Number	Average Years of Experience
Project Managers	2	10
Project Engineers	4	8
Procurement	1	9
Process Engineers	1	7
Electrical Engineers	5	8
Instrument Engineers	4	9
Mechanical / Piping Engineers	5	8
Civil / Structural Engineers	5	12
Cost Estimator	1	8
CAD Operator	1	6
Marketing and Support Services	4	11
Technicians/Machinists	7	10
<b>TOTAL</b>	<b>40</b>	<b>15</b>

## 6.0 OUR QUALITY SYSTEM

Quality is taken on a wide level in A + D ENERGY Processes are being defined / developed and documented. The well-trained and professional workforce in the company exhibits a practical commitment to quality as enshrined in the company's Quality Policy Manual.

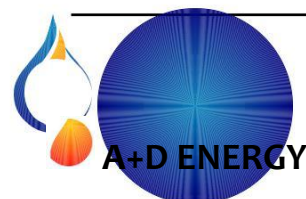
Total Quality Management (TQM) approach is adopted and coordinated from the office of the Managing Director. It is the policy of A + D ENERGY to provide high quality services in all areas of her activities. We aim to satisfy our clients and ourselves and to be confident that our jobs are done satisfactorily.

## 9.0 COMMUNITY AFFAIRS, SAFETY, HEALTH, ENVIRONMENT AND SECURITY



Our overall community affairs, safety, health, environment and security (CASHES) objective in A + D ENERGY is the prevention of any accident that could otherwise result in pains, disabilities, damage to properties (plant and equipment), death as well as damage to animals, plants and the environment where we operate. Thus our CASHES programmes are designed to achieve sustained management's commitment to community relations, health, safety and environmental protection through:

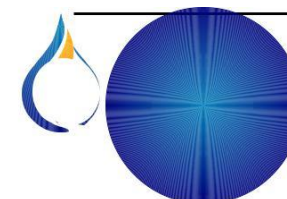
- Increase in the level of awareness among all employees.
- Provision of healthy and safe working conditions for all employees.
- Ensure security of life and property at all work sites.
- Total reduction or eradication of pollution or practices, which will impart negatively in the environment.



ENERGY



A+D ENERGY



**CHAIRMAN/CEO.  
DR AFOLABI OYEDEJI**

**QUALIFICATIONS:  
B.SC, M.SC, PhD**

**PROJECT DIRECTOR.  
ENGR FELIX OWURU**

**QUALIFICATIONS.  
B.ENG ME, MECHANICAL Engineering, B.ENG.  
Ch. E, Chemical Engineering, M.ENG. I& P,  
Industrial & Production Engineering, Dip.  
Admin, Fcai, AOP.**

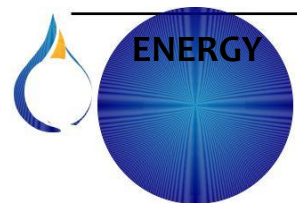
DIRECTOR ENGINEERING SERVICES

DIRECTOR CIVIL DEPARTMENT

DIRECTOR INSTRUMENTATION.

**10.0 TRADING ON PETROLEUM PRODUCTS.**

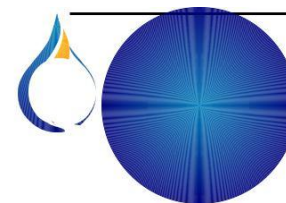
- a) Bonny light crude oil (BLCO).
- b) AGO /D2, /D6.
- c) Jet Fuel (Jet A /JP 54)
- d) Petrol (pms) premium motor spirit.
- e) Kerosene (DPK) Dual purpose kerosene.
- f) LPG (liquefied petroleum gas)
- g) LPFO (low pour fuel oil)
- h) Bitumen (Asphalt)
- i) Mazut fuel oil
- j) Pet Coke (petroleum coke)
  
- k) Lubricant Oil.
- l) Greases.



ENERGY



A+D ENERGY





**Bonny Light Crude Oil Specifications (BLCO)**  
**Bonny Light Crude Oil Specifications (BLCO)**  
 Property Measured  
 Blended  
 Back  
 Gravity, API°  
 32.9  
 Gravity SG  
 0.86  
 Sulfur, wt%  
 0.16  
 Total Nitrogen, ppm  
 1170  
 Hydrogen, wt%  
 Acid Number, mg KOH/g  
 0.19  
 0.17  
 Pour Point, °F / °C  
 6.1 / -14.4  
 /  
 Charact. Factor (K-FACTOR)  
 11.68  
 Viscosity, cSt at 40°C (104°F)  
 4.99  
 Viscosity, cSt at 50°C (122°F)  
 4.05  
 Vanadium, ppm  
 0.42  
 Nickel, ppm  
 4.16  
 MCR, wt%  
 Ramsbottom Carbon, wt%  
 Asphaltenes, (H.C7) wt%  
 0.0032

**GASOLINE (PMS) (UNLEADED)**

**CHARACTERISTICS**

Specific gravity 60°/60 F  
 Distillation range ( °C)  
 10% evaporated (OC)  
 50% evaporated  
 100% evaporated (OC)  
 FBP evaporated (OC)  
 Residue % Vol.  
 Odour  
 Colour  
 Total sulphur  
 Copper corrosion  
 Vapour/liquid  
 Ratio: T36°C  
 Existent gum (mg/100ml)  
 Oxidation stability (min.)  
 Knock rating (RON)  
 RVP (Vapour pressure) (psi)

**LIMITS**

0.757-0,77 max  
 35-205  
 70 max.  
 125 max  
 180 max.  
 205 max.  
 2 max  
 Merchantable  
 Orange  
 No,1 strip max.  
 No.1 strip max  
  
 68 max.  
 4 max,  
 360 min.  
 90 min.  
 90 max.

**DIESEL (AGO)**

**CHARACTERISTICS**

Specific gravity (@ 60/60°F)  
 Distillation  
 Recovery (@35°C% wt)

**LIMITS**

0.820(min.)  
  
 90(min.)

FBP (OC)	385 (max.)
Colour	3(max.)
Flash point (oF)	150 (min.)
Total sulphur (% wt)	0.5 (max.)
Copper corrosion (3hr @ 100°C)	No.1 strip (max.)
Kinematic viscosity (@100°Fest)	1.6-5.5

- Hydraulic set packers
- permanent set packers
- Anchors
- Service tools
- Tool accessories
- Team oil tools.
- Antelope oil tools.
- Manufacturing and Isolation Technologies

**13.0 ENGINEERING TURKEY PRJECTS.**

- Civil constructions.
- Mechanical constructions.
- Chemical constructions.
- Electrical constructions.

**14.0 TRADING ON INDUSTRIAL CHEMICALS/AGRO CHEMICALS.**

- Oxygen
- Nitrogen
- Chlorine
- Aluminum sulphate.
- Herbicides
- Weedicides
- Fungicides etc

**15.0 TRADING ON CHEMICALS CLEANING AND WASHING IN REFINERIES AND PETROL CHEMICALS.**

- Hydrogen
- Flow improvers
- Catalyst regenerators
- Diesel cetane improvers
- Lubricity additives
- Corrosive inhibitors
- Anti foam additives
- Amines for sour gas removal
- Water treatment chemicals.

**16.0 DEEALER OF DRILLING CHEMICALS FLUIDS.**

- Barites
- Betonies

**17.0 DEALERS OF SPECIALIZED CHEMICALS.**

- pharmaceutical industries.
- Printing and meltin

**KEROSINE (DPK)**

**CHARACTERISTICS**

Specific @ 60/60°F	0.820 (max.)
Distillation	
Recovered @ 200°C (% vol.)	20 (min.)
FBP (OC)	300 (max.)
Colour	20 (min.)
Odour	Merchantable
Flash point (Abel, oF)	105 (min.)
Total sulphur (% wt)	0.15 (max.)
Copper corrosion (3hr @ 50 °C)	No.1 strip 9max.
Smoke point (mm)	22 (min.)
Char value (mg/k)	15 (max.)

**LIMITS**

Specific @ 60/60°F	0.820 (max.)
Distillation	
Recovered @ 200°C (% vol.)	20 (min.)
FBP (OC)	300 (max.)
Colour	20 (min.)
Odour	Merchantable
Flash point (Abel, oF)	105 (min.)
Total sulphur (% wt)	0.15 (max.)
Copper corrosion (3hr @ 50 °C)	No.1 strip 9max.
Smoke point (mm)	22 (min.)
Char value (mg/k)	15 (max.)



**11.00 OIL EXPLORATIONS.**

We provide the services of all the professionals who have the Requisite qualifications Geologists, Geophycists, Geochemists etc.

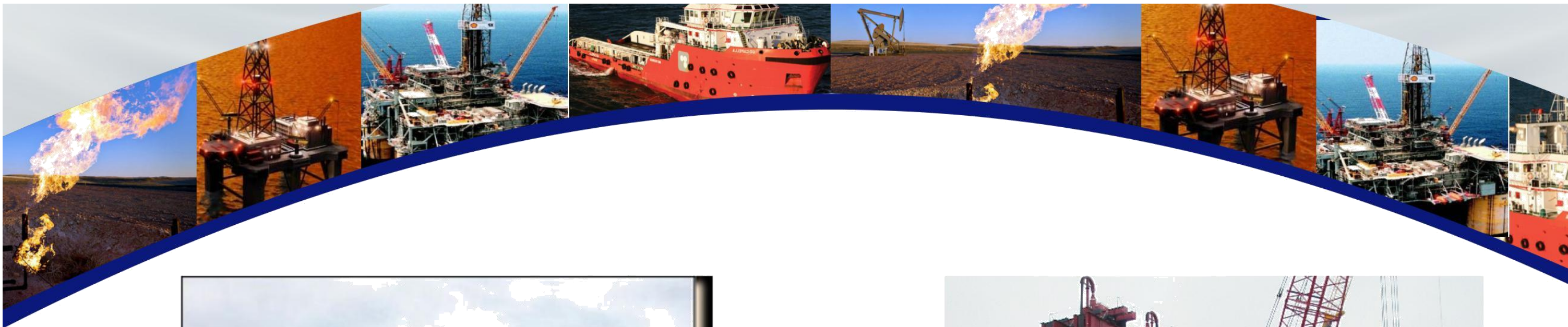
**12.00 TRADING ON OIL TOOLS.**

- Mechanical set packers



**17.0 DEALERS OF SPECIALIZED CHEMICALS.**

- pharmaceutical industries.
- Printing and meltin



Mini - Refineries



Crude Oil Processing Plant Expression



## 9.0 POLICY STATEMENT ON COMMUNITY AFFAIRS, SAFETY, HEALTH, ENVIRONMENT AND SECURITY (CASHES)



In executing jobs, our main objective is to operate in the most safe and economic manner without antagonizing or alienating the local communities. This will be achieved by ensuring that all statutory and other relevant regulations relating to safety and welfare of our Personnel that may be affected in the course of our work are paramount while maintaining excellent and mutually beneficial relationship with our host communities.

A + D ENERGY also views with great concern the ecological implication of her job on the environment and the host community. In order to prevent accidents and friction with the local communities, proper attitude to safety rules and community relationship are encouraged in all ramifications. Our overall objective is to ensure cordial relationship with host communities, prevent accidents, which could otherwise result in pains, disabilities, damage to property (plant and equipment), or result in environment degradation. Thus, our community affairs, safety, health, environment and security (CASHES) programmers are designed to achieve the following:

1. Sustain Management’s commitment to safety, health, environmental protection and security.
2. Increase the level of CASHES awareness among all employees.
3. Provide healthy and safe working environment for all employees and the local communities.
4. Ensure a safe, pollution free environment.

5. Ensure security of life and property at all work Factories/Sites.
6. Maintain good relationship with the host community.

Based on this, the company’s policy statement has been split into five major categories viz: Community Affairs, Safety, Health, Environment and Security.

### COMMUNITY AFFAIRS POLICY

A + D ENERGY is a corporate body whose dealings with communities are guided by the following policy: *“We shall continue to render services within our scope to our clients while maintaining an excellent relationship with the local community.”*

In order to achieve this, the following strategies are adopted.

1. Discharge acceptable social responsibilities to the community.
2. Respect the local customs, laws and traditions of the community.
3. Maintain religious secularity and political neutrality.

This policy will be brought to the notice of all personnel and will be renewed from time to time.

### SAFETY POLICY

It is the policy of our company to carry out our activities in such a way that the life of all our employees and other people who may be connected with our operations are safeguarded. Emphasis shall be on accident prevention.

The company makes adequate provision for personal protective equipment (PPE) and insists on observance of all safety precautions necessary for operational works. To maintain a high safety standard in all her operations, the company conscientiously educates her employees on her CASHES policy through series of enlightenment programmes.

There is reward in the form of prizes and promotion for excellence in achieving the set safety standards while negative attitudes are reprimanded and corrected. In order to ensure a high safety standard, the following strategies are adopted:

1. The continuous identification of likely causes of accident inherent in any job.
2. The control of causes in “1” above.
3. The minimization of accidental losses.



This policy will be brought to the notice of all employees. It is also subject to review when the need arises.

#### HEALTH POLICY

A+D ENERGY is responsible for the health of her employees and will therefore conduct an active policy to attain this. The objective of this policy is to reduce or limit, as much as possible, risks that can result in injury, sickness, death, and property damage or other forms of loss. It is necessary that early recognition of health hazards is established, assessed and brought under control. The company retains the services of good clinics to take care of its workers. Much emphasis is placed on the promotion of the total health concept and protection of the worker.

The company also retains the services of reputable insurance companies to provide insurance cover for staff. The company holds workmen compensation, group personal accident policies to cater adequately for employees.

#### DRUG/DRUG ABUSE

Self-medication is prohibited. Every work-related illness should be reported for appropriate medical treatment. Persons under the influence of drugs (even when administered by a medical practitioner) shall not engage in any form of work whatsoever. The use of stimulants is prohibited.

#### ALCOHOL

No alcoholic is permitted at the work site, office or to operate any machine or vehicle. Consumption of any form of alcoholic drink during office hours is a serious offence. Any beverage in a glass bottle is forbidden at the Factory/Site. Only cardboard or plastic containers are permitted.

#### ENVIRONMENTAL POLICY

We shall conduct our business without emitting dangerous gases, spilling of oil or any substance that can be injurious to the environment in which we operate. Where product spillage is inevitable, such spillage will be planned and controlled.

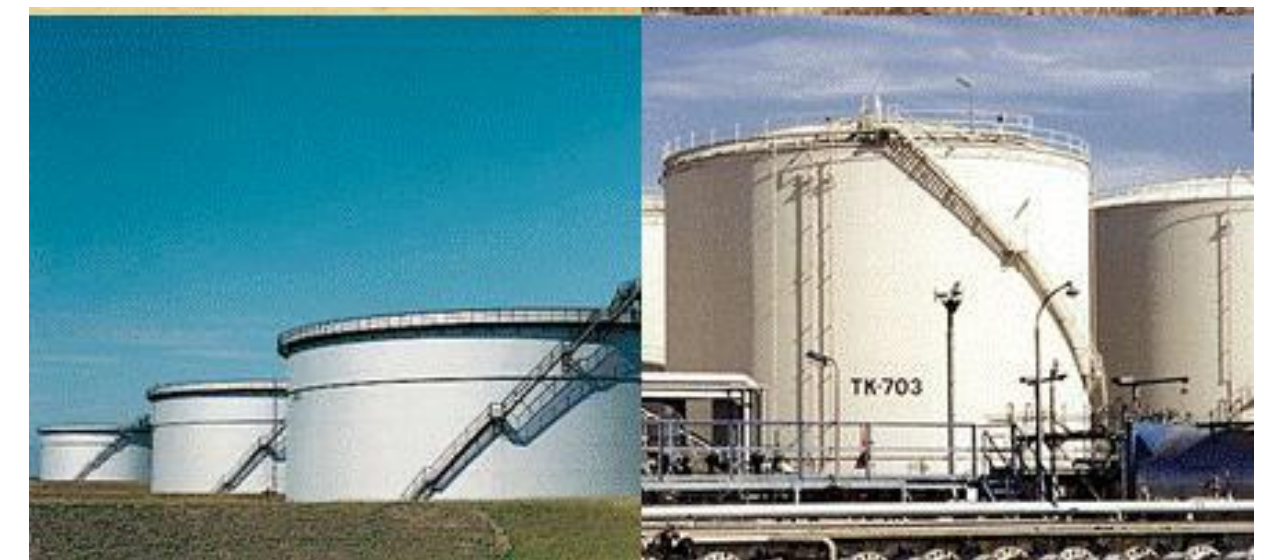
Physical factors in the environment do influence health at work. These are lighting, ventilation, humidity and effects of temperature extremes. Serious efforts will be geared towards minimization of dust released during the course of work. Efforts shall be made towards reducing noise and fumes generated during operations.

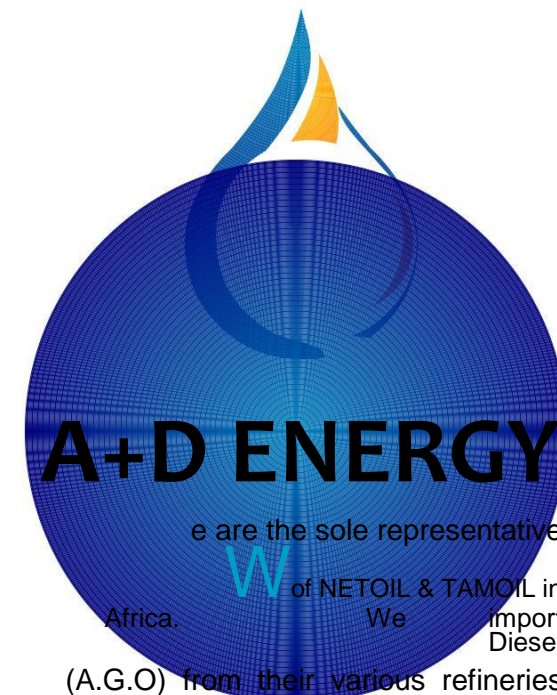
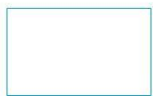
Every employee of A + D ENERGY is expected to live and operate in healthy and conducive environment both at home and at work and must comply with the statutory requirement of Federal Environmental Protection Agency (FEPA).

#### SECURITY POLICY

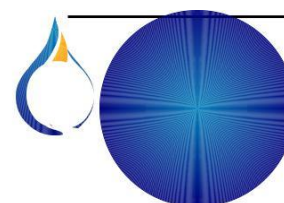
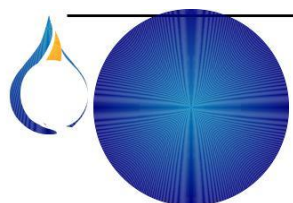
A + D ENERGY is responsible for the security of her employees and other assets within company premises (including client's property in our care). The company shall continue to provide appropriate mechanism for the security of lives and property.

It is the duty of employees to protect company property in their possession. No company property (including records and sensitive information) shall be given to third parties without prior written authorization from management.





We are the sole representative  
 of NETOIL & TAMOIL in  
 Africa. We import Diesel  
 (A.G.O) from their various refineries  
 all over the world and also source crude  
 oil for their various refineries. We also  
 have understandings with other  
 indigenous oil companies for supply of  
 Diesel (A.G.O) and other petroleum  
 products.





**ENERGY**

