

GWAZE LIMITED

SUITE 15A, SABONDALE SHOPPING COMPLEX, JABI ABUJA TEL:
08065266189,



COMPANY PROFILE

Real Estate development, Estate Management, Valuation, buying and Selling of properties, Consultancy, Building Construction, Rural Electrification, Supply and Installation of Office Equipment/Furniture, Stationeries and General Contracts. Production of paints. Supplies of Roof Chemical/Termite Chemecals.

INTRODUCTION

GWAZE LIMITED is a principal business development company with a proven track record. It is an indigenous firm and incorporated in Nigeria with the mission of providing the Nigerian Real Development industry and the environment efficient and effective professional services, supplies, civil & building construction, General Contracts. Clients charge **GWAZE LIMITED** to meet a purpose in solving problem. The firm sees itself as the solution to clients needs. Our clients are our partners and over time we have made them a profit convenience and made life easier for them. **GWAZE LIMITED** leverages its staff and systems to deliver value to its customers, is our clients/ customers first in everything.

GWAZE LIMITED is a company with hands on experience in various kinds of contract services such as general supplies of office equipment, office furniture, computer accessories, medical equipment, roof/wooding chemicals, real estate construction, buying and selling of landed properties, marketing supply of goods and service and general contracts.

Our pragmatic approach to material supply and logistics services has endeared us to our clientele and this is basically because of our firm's and our clients/ customers first mentalities.

Comprehensive Company Profile

quality of staff, product quality policy and our attention details and specification on any given project.

Our team of staff has distinguished themselves in General supply, office equipment, generators, office furniture, hospital/medical equipment, material supply and logistics services over a period of time.

At **GWAZE LIMITED** we emphasize on total quality Supplies roof/wooding chemicals, real estate investment/ construction, all kinds of paints (office equipment, furniture, hospital/medical equipment) and customer satisfaction in all aspects of our services. In the light of the foregoing, we are not in any doubt that we have the same pragmatic approach quality policy, speed and attention to detail and specification.

MISSION STATEMENT

To provide good quality Services to our clients with high commitment to people service profile philosophy while ensuring safety in actualizing our dream”.

VISION:

We strive to be high value player in all our business concerns, by ensuring A TOTAL QUALITY SERVICE as well as SAFETY OF PERSONNEL AND SUPPLY OF EQUIPMENT.

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COMPANY ETHOS:

GWAZE LIMITED has a clearly defined set of values and beliefs, which sum up our activities. We are proud of our company values as well as committed to delivering them consistently.

OUR VALUES:

i. Client Focus:

We are committed to understanding the changing needs of our clients and our business will evolve in accordance with their requirements.

ii. A People Business:

Our staffs are most valuable asset and we give full priority to their welfare, health and safety.

iii. Pride:

We are proud of the company we work for and take great pride in a job well done.

v. Integrity: We operate with utmost integrity in every facet of our company

The desire to contribute positively to the needs and development of the company was the aims of teaming up to face the immediate challenges that may present itself of the company. Our establishment deals with over 100 employees of various categories during a full time engagement period. We undertake quality supplies of office & home furniture, office equipment, generators, medical equipment and other supplies. Buying and selling of properties and other equipment, art as an agent.

BUILDING CONSTRUCTION PROJECTS



Comprehensive Company Profile
6bedroom fully detach duplex lokogoma district abuja



Comprehensive Company Profile

9 unit 3bedroom block of flat



Comprehensive Company Profile
Construction of a Rural draina



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We design and development of corporate or individual residential outlays such as plan Design and drawing interpretation, evaluation, quantification and finally develop to our clients taste. To make it more interesting and habitable, we set out its beautification, landscaping, flowering and Street outlays. We plant trees and flowers and provide adequate and healthy environmental posture of the project.



Site view of Residential Building under construction by

SAFETY POLICY

It is the policy of **GWAZE LIMITED** to ensure safety, health and welfare of its entire staff. It is also the company policy to ensure the safety and health of its staff. In the pursuance of this policy, the company's management is wholly committed to training of its staff to arouse safety consciousness in them.

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OUR SERVICES CONSTRUCTION



GWAZE LIMITED offers a unique combination of multiple disciplinary capabilities in Construction works and various construction skills, and has a proven track record in major project implementation.

The Company is positioned as a primary contractor in the delivery of Stadium construction and renovation, road construction and renovation, bridge renovation and construction, general infrastructure and industrial facilities.

The Company's primary market focus is the infrastructure and facilities associated with construction and civil engineering industry.

GWAZE LIMITED values innovation and is able to adapt to complex environments which positions it as a leading contractor in the southern hemisphere and developing world.

CIVIL ENGINEERING

Comprehensive Company Profile

We have been responsible for a large number of industrial and civil projects on behalf of our clients. We deliver projects in a number of areas of the economy.



GWAZE LIMITED has engaged in providing works services for arms of operation in Nigeria which includes Government sectors, up and down streams, multinational corporate bodies and private individuals.

Our experience ranges from providing building Constructions (such as construction of Multi-purpose conference hall/centers, residential/commercial building e.t.c.), consultancy services, undertaking general supply. **GWAZE LIMITED** has executed cons projects, commercial and residential building e.t.c from many sectors of the economy. Attached in this document is a brief description of the work done in recent times.

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Construction has been at the heart of our business over some years now. Our services on construction of building are based on specialized expertise. The works performed are Construction of Residential and Commercial building, we effectively carryout underground, facilities, road and bridge constructions.



In infrastructure maintenance, **GWAZE LIMITED** maintains roads, streets including related structures such as bridges. Services are offered under long-term maintenance agreements, in which pricing is affected by the usability of the route and service quality



Comprehensive Company Profile

PROJECT MANAGEMENT

In **JCHRISTOBEDABO CONCEPT NIG LTD**, project management is the act of planning, organizing and managing resources to bring about the successful completion of specific project goals and objectives. **GWAZE LIMITED** has engaged in providing engineering and construction services for arms of operation in Nigeria which includes Government sectors, up and down streams of the oil industries, multinational corporate bodies and private individuals.

Our experience ranges from providing water engineering services to drilling and installation of boreholes, civil and building Constructions (such as construction of Stadium, Multi-purpose conference hall/centers, road construction e.t.c.), consultancy services, undertaking turnkey contracts, hydro engineering and general supply.

GWAZE LIMITED is engineering, construction, commissioning and Maintenance Company that is equipped to satisfactorily execute major projects in the area of civil/ mechanical engineering, architecture and associated fields in the construction, oil/gas and agro allied industries.

PROCUREMENT

GWAZE LIMITED undertakes local/foreign purchases for materials and equipment's in its project and also maintains stock of items for clients' requirement. We possess the ability to take up body-shop contracts for manpower supplies skilled and unskilled.

Comprehensive Company Profile

TECHNICAL COMPETENCE

GWAZE LIMITED provides specialized services in Construction, Estate Development, Landscaping and Procurement therefore we are in association with companies overseas to enhance our performance in projects that requires advance technology.

ELECTRICAL ENGINEERING

GWAZE LIMITED provides superior quality Electrical engineering services for Rural-Urban Areas, Federal and State Government, Corporate bodies and Private institutions. Some of our Electrical works includes: Rural and Urban Electrification, Construction of Electrical Power Houses, Design and installation of Electrical/Mechanical System in Residential, Industrial and Commercial Buildings, Construction of Telephone Exchange Stations, Construction of GSM Transmission Stations, ELP/Optic Fibre (OFC) Installations e.t.c



Comprehensive Company Profile

- - Rural Electrification
- - Street Lighting
- - House and Commercial Electric Wiring
- - Re-wiring of Motor and Panels
- - Solar Energy Electrification



ELECTRICAL SERVICES

We offer a wide range of Electrical Engineering services including supply of Generators and Transformers, electric cables, design, installation of domestic and industrial buildings, wire works, industrial and domestic cooling system/Air-conditioning and refrigeration and cold rooms, etc. Our experts also provide the latest state-of-the-art electrical/electronic appliances such as UPS, systems, acoustic finishing, electrical, networking etc.

ELECTRONIC ACCESS CONTROL SYSTEMS

Electronic access control systems today range from standalone single door controllers to complex networked systems integrated with closed circuit television systems, burglar alarm systems, and other building control systems. The selection of the proper credentials and readers, the system features needed, and the many choices available for installation and implementation can require complex planning and difficult decisions. Let Ai- Technical Services handle all your Access Control needs we can implement a plan that will work for you.

ELECTRICAL SERVICES

- External and Internal Electrical Power Supply and Distribution.
- Rural Electrification Scheme.

Supplies and Installation of Transformers and Generating Sets



Comprehensive Company Profile



Due to the ever increasing pursuit of our clients in providing portable electricity supply to them, we are blessed with seasoned and experienced personnel in the field of Electrical Engineering. Coupled with these, our services are backed up with practical training on the mode of running and maintenance of electricity equipment all over Nigeria.



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OUR COMMITMENT TO OUR CUSTOMERS

GWAZE LIMITED is committed to always go the extra mile. We find new ways, always linked to real customer needs and business priorities. After all, without customer trust and satisfaction, the rest does not matter.

GWAZE LIMITED has a good relationship with its customers, and will always strive to make this even better. A number of initiatives have been pursued over the past couple of years to strengthen such relations. We are always keen to listen to our customers and learn from their feedback. We regularly carry out customer surveys, and encourage our customers to provide their input at any given time.

BUSINESS APPROACH

Effective commercial management not only allows **GWAZE LIMITED** to manage these risks but also protects valued relationships with client, customers, suppliers and partners.

Managing Risk

We embrace risk within our culture. We recognize that our greatest potential area of risk lies in our selection of strategy and markets. We manage these risks through carefully constructed commercial arrangements governing the delivery of projects and products.

This approach extends to the procurement of goods and services, which comprise the largest portion of our cost make up. Effective commercial management not only allows **GWAZE LIMITED** to manage

Comprehensive Company Profile

these risks but also protects valued relationships with client, customers, suppliers and partners. This is central to our strategy and belief system.

DRAWING ON OUR DIVERSITY

Contracting is a people-dependent business and **GWAZE LIMITED** success rests on the skills and commitment of all our employees. A key to achieving superior performance vests in our ability to leverage the great energies and talents of our people. Because of the interesting projects we secure, we tend to attract the very best talent, with a diverse set of experiences and backgrounds, capable of initiative, and with a drive and a passion for what we stand for - our vision, strategy, values and beliefs. This diversity comes not only from the many rich cultures of southern Africa but is enhanced through the projects we implement around the world.

PARTNERSHIPS

In all of our markets, we try to work with partners in one form or another. Different levels of partnerships are critical to our ability to deliver sustainable earnings growth and value creation. They help us to access new markets, enhance our technology capability, deliver on black economic empowerment in South Africa and ultimately, deliver quality projects.



This has highlighted the need for us to engage our partnerships with a high degree of diligence. When engaging partnerships, we will appraise partners and

Comprehensive Company Profile

ourselves in terms of capacity and capability, aspirations, values and cultural compatibility. We will also exercise the courage and ability to exit partnerships when the above fundamentals change for either party.

STRATEGY

GWAZE LIMITED is wholly focused on the construction economy, serving two linked market drivers through a diverse range of clustered operating companies.

The two linked market drivers **GWAZE LIMITED** is focused on are:



1. Nigerian gross fixed capital formation (GFCF), which is expected to drive annual growth of 15% to 25% through to at least 2014 and probably beyond to 2025; and

2. Global demand for natural resources,

which will continue to drive economic development in many developing markets and growth in demand for extraction infrastructure.



Our plan is to maintain about two thirds of group activity in our domestic market,

where we seek to build sufficient critical mass in a variety of key sectors and play a leadership role in the major opportunities that will flow from the country's infrastructure development agenda.

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QUALITY POLICY

Our quality philosophy is to protect our client's best interest commensurate to compliance with sound professional practices, ethics and values for money.

GWAZE LIMITED place Quality Assurance and Safety Management high on our agenda. That is why we have both a dedicated Quality Manager and a Safety Manager who controls and assure maintenance of a fully accredited ISO 9002, 9004, 14001 and BS 5750 Quality management system and Safety management system. A process of continual appraisal ensures that the highest standards are constantly delivered **SAFELY** and **EFFECTIVELY**.

GWAZE LIMITED we emphasize on total quality supplies of Oil & Gas to customers for their optimum satisfaction in all aspects.

Supply of Air conditioners



Quality and trusted Air conditioners are supplied to our customers for their satisfaction to promote and encourage good health.

GWAZE LIMITED Company is dependent upon technical and commercial skills as well as carefully targeted investment

Comprehensive Company Profile

strategy. The crucial element of performance lies in the ability to provide high caliber services.

GWAZE LIMITED will continue to anticipate clients' demands by constantly enhancing the range and quality services in field thus providing the highest quality of services, utilizing its assets to the full potential. Through this philosophy, the company ensures that every service offered is the best in its class.

GWAZE LIMITED to establish and maintain an effective and efficient quality supplies, planned and developed in conjunction with other management functions. The quality supply complies with international standards. The assessment of conformity of work to contract and regulatory requirements is made based on evidence of quality.

SUPPLY OF OFFICE FURNITURES



GWAZE LIMITED represents world leaders in supplying and Procurement of home, office, and business furniture in conjunction with its overseas partners. **GWAZE LIMITED** has established of its years of operation a reputation of outstanding quality in supplying and Procurement of furniture. As a service - oriented company, we provide a complete 'Service Package' from the idea, to the planning of interior decoration, to the supply and installation of furniture and accessories. Our consultation and planning team provide you with the most innovative design and production techniques, which give you the competitive edge that you demand in today's changing market.

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We provide COMPLETE SOLUTIONS for:

- **DOORS, WARDROBES, and KITCHENS:** including a wide range of designs and sizes designed to fit any requirement for building contractors
- **HOME;** including fabric and leather sofa sets, sofa beds, recliners, TV cabinets, dining sets, bedrooms, kitchens, comfort chairs (Reclining/Massage), carpets and rugs, lightings and accessories, Kitchen Appliances and home Electronics.
- **OFFICE;** including modular office sets, executive office sets, conference tables, filing systems, stationary and more
- **SCHOOLS & LIBRARIES**
- **BANQUET** and related common areas.
- **HOTEL** rooms, hallways, lobbies and reception areas.

These furniture solutions may include Pre-designed furniture collection as well as custom designed furniture.

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CIVIL ENGINEERING/CONSTRUCTION

- Design of Roads, Bridges, Building & Sewage System
- Road & Bridge Construction
- Hydraulic Design & Water Supply
- Building & Location Construction
- Geotechnical Analysis
- Preparation & Installation of Pre-Cast Elements



ENVIRONMENTAL ENGINEERING

- Environmental Studies/Consultancy
- Pollution Control/Monitoring
- Containment of Oil Spill
- Integrated Waste Management
- Pest Control Services
- Tank Cleaning
- Evacuation of Sewage/Oil Sludge



TECHNICAL SUPPORT SERVICES

- Pipelines & Oil Field Maintenance



OUR CLIENTS

- SPDC
- NDDC

HEAD OF CIVIL SERVICE OF THE FEDERATION

Comprehensive Company Profile

- TOTAL/ELF
- WILLBROS
- AGIP
- SNG
- ASHLAND



As a service organization, we strive to meet our service guarantees as well as our client expectations. We deliver promptly and efficiently.

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GWAZE LIMITED. Offers a wide range of consulting services in the built and natural environment and serves both the public and private sector clients, in the following disciplines:

Civil/Roads/Water Engineering

Resources and Expertise

- Projects
- Residential Townships
- Water Resources
- Water Supply
- Wastewater Treatment
- Polluted Storm water Control
- Storm water Drainage Modeling
- Irrigation
- Affordable Housing



The Division undertakes projects in all aspects of the Engineering aspects. **GWAZE LIMITED** has a track record from 2000 and is continuously developing the range and depth of its skills through training and recruitment.

Through a network of regional offices and strategically located core skill centres, we are able to provide the full range of professional engineering services locally and throughout Nigeria.

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PRINCIPAL FIELDS OF EXPERTISE

- Real Estate Development
- Estate management/ valuation
- Township Infrastructure
- Bulk Water Supply
- Production of Paints
- Roads and Bridges , Sewerage Trunk Sewers and Management

Projects in Various Sectors

- Roads, Storm water Drainage, Sewers and Water Supply
- Civil Engineering Services and Site Works for Building

RESOURCES AND EXPERTISE

The Structural Engineering Division has undertaken a large variety of interesting structures over the years encompassing many buildings, warehousing, and civil engineering structures. **GWAZE LIMITED** Structural Engineering Division also undertake Structures Investigations, Legal Report, Expert Witness Appearance and Mediation is continuously developing its range and depth of skills by training and recruitment. .

Projects in Various Sectors

- Industrial Structures
- *Process Plants*
- *Factories*
- *Warehouse*
- Commercial Buildings

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- Residential Buildings
- Cavils' Structures
- Hospitals
- Educational Facilities
- Recreational Facilities
- Financial Institutions
- Retail Complexes
- Security and Public Buildings

ELECTRICAL ENGINEERING DIVISION

Services Offered

- Industrial Processes and Installations.
- Electronic, Lighting and Building Installation

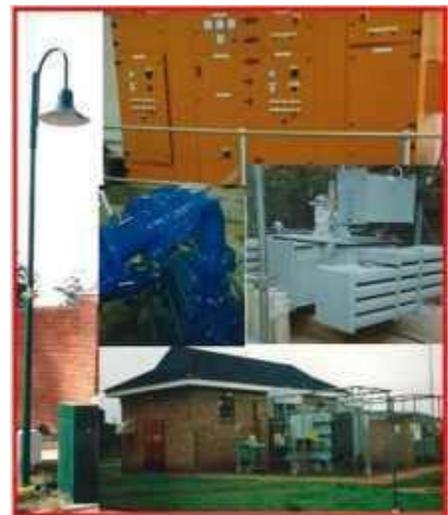


POWER SYSTEMS DESIGN AND CONSTRUCTION MANAGEMENT

- Medium and low voltage distribution systems for urban and rural areas
- Electrification of low-income areas

Lighting Systems Design and Construction management

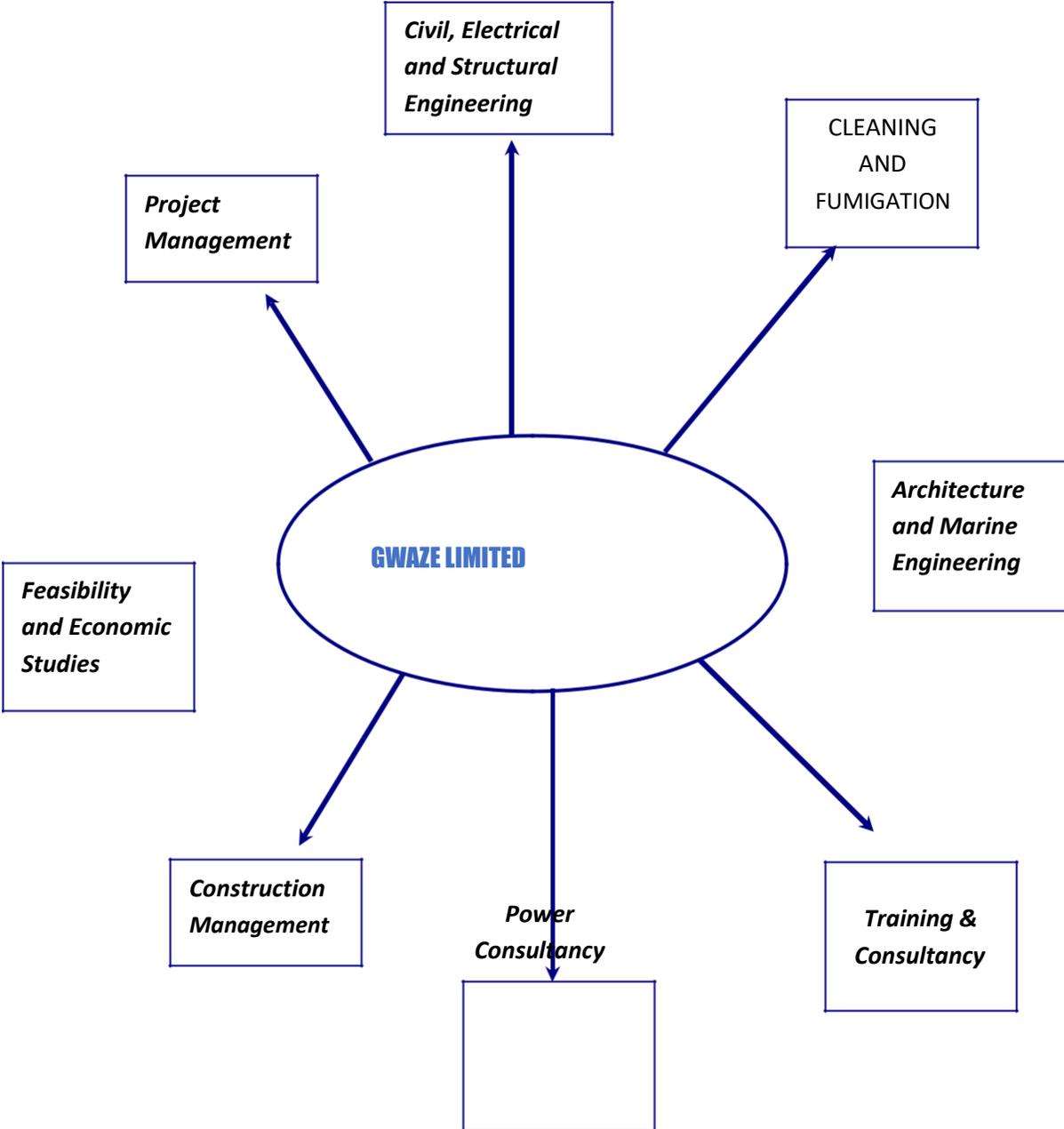
- Road lighting
- Area lighting
- Lighting of sports fields



Comprehensive Company Profile

- Management Services
- Public Buildings
- Airports

OVERVIEW OF OUR SCOPE OF SERVICES



GWAZE LIMITED

P L A N T S AND EQUIPMENTS

TYPE

BULL DOZER D7	3
BULL DOZER D8	3
PAIL-LOADERS	3
GRADERS	3
BACK ACTORS	2
CONCRETE MIXERS	6
DUMPERS	4
TIPPERS – 5TN	9
POWERFUL EXCAVATORS	2
WATER TANKERS	3
5KVA GENERATORS	2
HAND COMPACTORS	2
DELIVERY VANS	2
PICK UP VANS	4
POKER VIBRATORS	3
COMPRESSORS	2
STEEL DRUM ROLLERS	2
WELDING MACHINES (SELF ACTIATED)	2
PAVER	1

GWAZE LIMITED

CIVIL ENGINEERS	3No
ELECTRICAL ENGINEERS	4No
ARCHITECTS	6No
SURVEY ASSITANTS	8No
DRIVERS	8No
BRICKLAYERS	15No
CARPENTERS	18No
IRON BENDERS	16No
PAINTERS	12No
MECHANICS	6No
LABOUR GANGS	28No
PLANT OPERATORS	6No
DRAUGHTSMAN	4No
ELECTRICIANS	8No
PLUMBERS	8No

Comprehensive Company Profile

PREFACE

You are welcome to patronize **GWAZE LIMITED** This Company's Profile is intended to get you well acquainted with the full range of our business operations and in addition to the other information obtained from our operational offices which are open daily to the public to receive enquiries on the company's activities.

GWAZE LIMITED

Is a firm of Civil Engineering and Building Contractors. It is a firm that Integrates effective management approach with the indigenization policy of the Federal Republic of Nigeria for the realization of its ultimate goal. Through co-operation and has become increasingly active in her building and construction – related activities in various parts of the Federation.

The main motive of this company is an ultimate desire to realize the dream of offering qualitative construction services for the purpose of meeting the challenges of an expanding infrastructure and solid indigenous technological requirements. Having done a thorough study of the construction industry our operational spectrum has widely extended to several States of the Federation and we have developed sound innovation business knowledge to problems in this terrain.

Consequent upon a well-deserved reputation built upon integrity and honesty nurtured over many years, coupled also with our uncompromising culture of excellent workmanship, the centres of our patronage have varied from the Federal and State Governments, to institutions and corporate organizations. References to previous jobs and contracts have been explicitly stated in this text. Further complimentary references on the firm's capabilities could be acknowledged by Rivers State Government who we have served for years.

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Above all, client satisfaction has always been the major source of our strength and success.

QUALITY CONTROL

At **GWAZE LIMITED**, we realize that our work is a direct reflection on your image. The management of your company had worked very hard and spent a big amount of money to create the “**look and feel**” of your company environment. We know that your company’s trust on your cleaning company to enhance and preserve its appearance and ambience. We also know our future success depends on your consistent satisfaction.

At **GWAZE LIMITED** our objective is to accommodate your cleaning needs. Our cleaning expertise and labor management techniques can provide variety of option for your customized cleaning schedule. We have established a reputation in the cleaning industry for quality and dependability for your entire cleaning requirement. At **GWAZE LIMITED** we are focused on the job in hand and we would like to do it with satisfaction.

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Based on our experience in the cleaning industry we know that quality control is the key element to customer satisfaction. Since there is a drastic realization among organizations and companies towards environment we at **GWAZE LIMITED** we have long recognize the importance of the quality of the service that we provided must be in line with the requirement of ISO14000 and other cleaning concept such as 5 s cleaning method.

SOLAR POWER BOREHOLE

GWAZE LIMITED undertake borehole drilling projects i.e. solar and hand pump boreholes, the business activities are focused on providing services that include borehole drilling and servicing, installation of borehole pumps, installation of water tanks, design and implementation of irrigation systems etc.

GWAZE LIMITED has undertaken a lot of drilling works in Africa and has drilled in all geological formations making it “the company” with the largest database in the region. Drilling of boreholes, Dredging, Dams construction and installation of overhead tanks and water reservoir, construction and installation of irrigation facilities, structural water works, pipeline design and fitting, Geophysical and hydraulic conductivity studies, aquifer analysis, borehole development, pump test, installation and maintenance works, flood control and routing, water analysis, etc.

Comprehensive Company Profile

Since inception in the Company has undertaken a lot of water drilling contracts in Africa. Drilling through various Geological formations Metamorphic, Volcanic and sedimentary range.

Managed by experienced Geoscientist and in collaboration with Engineers from relevant authorities and institutions. One with immense success are pumps supply and installation, borehole cleaning and small scale irrigation systems. Solar power adaptation has also seen increased growth.

A lot of installation done for solar pumps and accessories has created a firm indication that the future lies with solar system as a source of energy.

STAGE 1: Geological Survey:

The initial step is to undertake a geological survey to determine the depth of the aquifer, good drinkable water and long lasting one. This is the feasibility work which will reveal the water level and rock basement which will enable us achieve a perfect work.

STAGE 2: We drill between 35-100 meters depending on the geological survey report showing the water level and basement rock. The basement rock does not pose much challenge as we have the needed equipments to ensure success of the exercise.

STAGE 3: Drilling, casting, development and installation. Etc.

STAGE 4: Mechanical & Plumbing Work, DPC waste piping, water supply, channel piping, connections at input and output pipes.

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SERVICES OFFERED ARE:-

- Drilling industrial and domestic boreholes
- Rehabilitation of boreholes
- Supply of water tanks and installation
- Supply of control panels for pumps and pumps installation
- Irrigation systems design and implementation



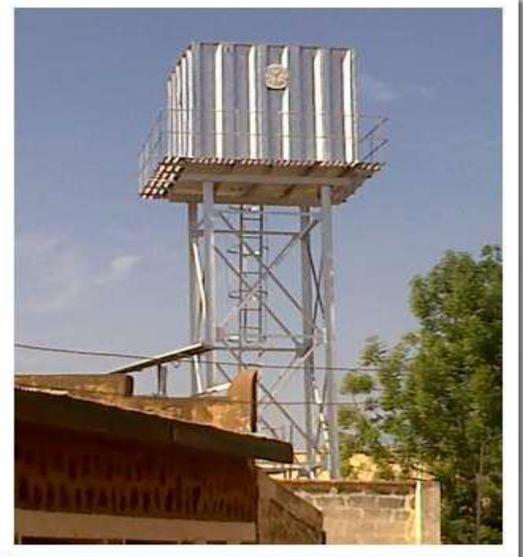
Comprehensive Company Profile



About Solar Electric Solar power is a renewable, alternative energy. Solar cells are semiconductor devices which convert sunlight into direct current (DC) electricity. Also known as photovoltaics (PV) these cells can power electrical loads such as charging batteries, operating motors and any number of electrical loads.



Solar electric systems are self-contained as they are independent of the utility grid. Your electricity will continue to run even if the grid power fails. Solar power is non-polluting, requires little or no maintenance, is easily installed and environmentally friendly.



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BOREHOLES DRILLING & WATER RESOURCES MANAGEMENT SERVICES

Our company renders a universal quality and acceptable services in the area of water resources and environmental services ranging from geophysical / hydro geological services to its final stage of provision of pure, useable and acceptable water for all possible applications. These services include the following;



a. HYDROGEOLOGICAL/GEOPHYSICAL SERVICES:

The company has carried out investigations for a number of clients to identify fresh water bearing zones (aquifers) and to recommend suitable drilling sites. Our sound professionals using the versatile ABEM TERRAMETER 300C surface geophysical equipment acquire geophysical data. Here, data interpretation is computer-aided using appropriate software packages. Drilled boreholes are logged using state-of-the-art digital systems to locate aquifers and provide proper casing and screening details for optimum yield.

Comprehensive Company Profile

b. SOLAR POWERED BOREHOLE DRILLING:

The company has drilled a number of functional boreholes for clients across the country.

We own two deep borehole-drilling rigs - An Ingersol Rands 'IR TH-60 and A Gardner Denver '150' - and maintain a crop of experienced drilling crew as well as maintenance contracts with many agencies and Companies.



c. PUMPS

We have been specifying, supplying, installing and servicing electric submersible and mechanical hand pumps in our client's boreholes.

Where necessary the company also specifies and installs various types of solar pumps as well as surface ejector pump for our clients.

d. WATER TREATMENT PLANTS

In this area of high specialization, the company operates in association with some reputable water treatment firms **GWAZE LIMITED** For the design, fabrication/assembly and installation of the finished water treatment units for small schemes. For larger schemes, we design, contract and install easy maintain slow sand filtration plants as may be required.

OUR COMMITMENT TO INDIVIDUAL COMPETENCE

QUALITY CONTROL

AND

QUALITY ASSURANCE POLICY

QUALITY ASSURANCE MANUAL

**For
GWAZE LIMITED**

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- 3.0 Organizational Structure
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- 7.0 Production Responsibility
- 8.0 Quality Control Responsibilities
- 9.0 Receiving Inspection
- 10.0 In-Process Inspection
- 11.0 Pre-Shipment Inspection
- 12.0 Material Review
- 13.0 Quality Control Audit
- 14.0 Corrective and Preventive Active

FORMS

QUALITY POLICY

INTRODUCTION

The purpose of this manual is to document the company's quality system, to instruct and guide employees whose actions affect product quality and to inform the company's customers what controls are implemented to assure product quality.

The Quality Policy of **GWAZE LIMITED** is based on customer satisfaction. We strive for continuous improvement in our quality systems and meeting the objectives of our company:

- Supplying products that meet or exceed our customer's requirements
- Providing a service that results in customer satisfaction
- Continuous development of a dependable vendor base

We are committed to continuous improvement in quality and the assessment of the quality system to assure its suitability to meet the requirements of our company and the requirements of our customers.

By meeting our objectives defined within this manual we will be able to:

1. Provide defect free products.
2. Provide customer satisfaction by providing:
 - a) On time deliveries.
 - b) All contract requirements are met.
 - c) Exceptional product quality.
 - d) Exceptional service quality.

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3. Assist vendors and work with subcontractors to reduce late deliveries and delivery of defective product.

1.0 STATEMENT OF OBJECTIVE

- 1.1 The Objective of **GWAZE LIMITED** is to clearly define the procedures and responsibilities of a total quality assurance program with the ultimate goal being to provide our valued customers with a precision part or product that will meet or exceed their individual specifications or requirements.
- 1.2 Provide detailed procedures required to accomplish uniform quality assurance for this company's parts or products.
- 1.3 Furnish general-purpose information useful in the administration of quality assurance activities.
- 1.4 Any product supplied by **GWAZE LIMITED** under contract shall be manufactured under appropriate institutes' and societies' specifications or their supplemental specifications and shall be subject to the quality control standards outlined therein.
- 1.5 A Copy of this manual will be issued to all department managers, sales representatives and manufacturers for **GWAZE LIMITED** as a required reference.
- 1.6 A copy of the **GWAZE LIMITED** Quality Manual is available to qualified personnel upon request.
- 1.7 Revisions to our policy will be issued when deemed necessary and shall be recorded and authorized on the revision notice page of this manual. Revisions shall be numbered, dated and indicate sections and paragraphs revised

2.0 AUTHORITY FOR IMPLEMENTATION

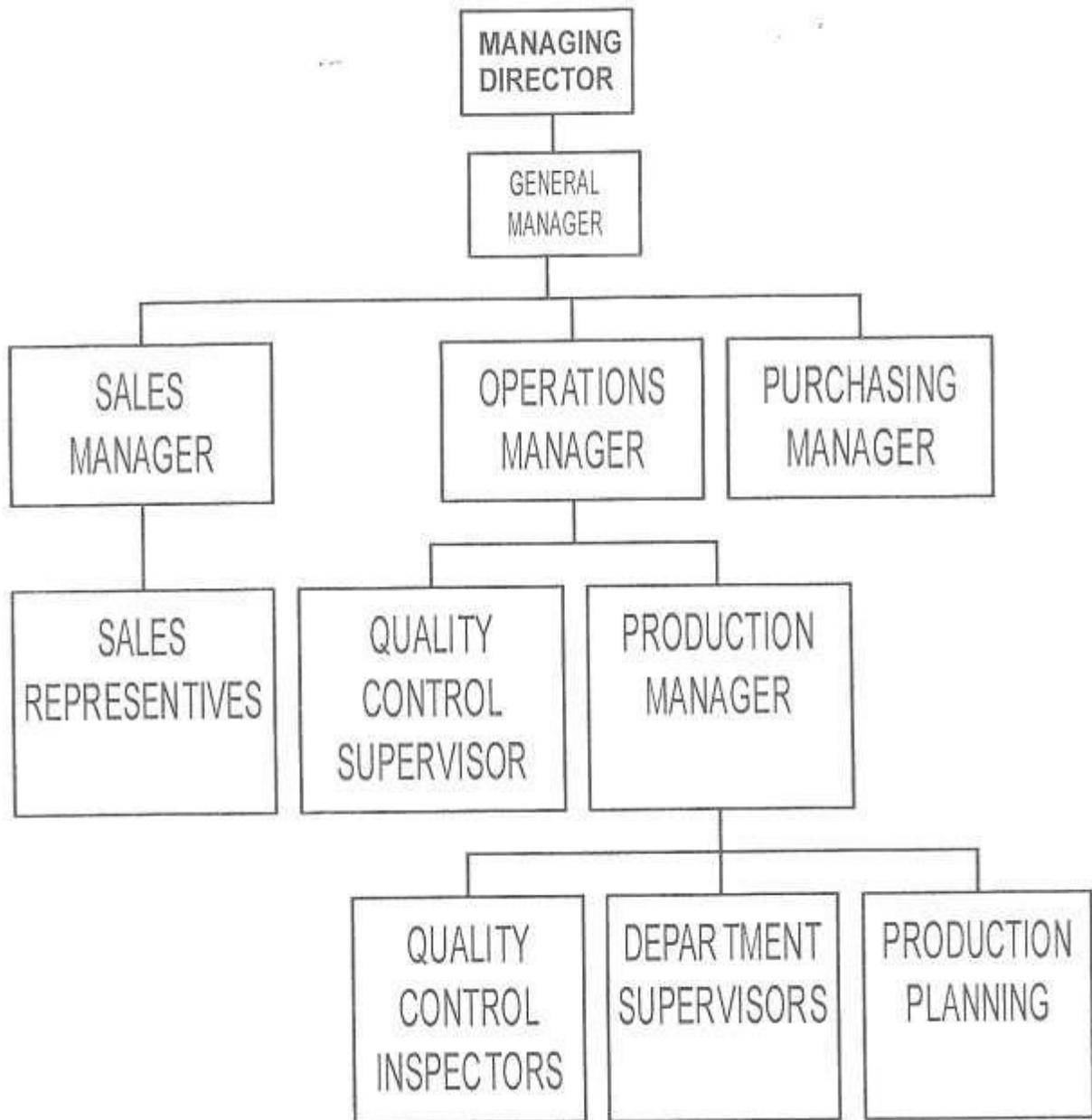
The general management of **GWAZE LIMITED** authorizes the policies and procedures contained in this Quality Assurance Manual.

The General Manager and Operations Manager delegates to the Quality Control Supervisor the authority to establish, document and administer the necessary guidelines, requirements and controls to effectively implement the statement of Objective (detailed in section 1).

The Quality Control Supervisor shall have the responsibility and authority to assume compliance to this manual.

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3.0 ORGANIZATIONAL STRUCTURE



4.0 SALES RESPONSIBILITY

- 4.1 The correct interpretation of customer needs and specifications, whether verbal or written, cannot be overemphasized. The sales order is the foundation for the complex chain of events leading up to shipment of a finished quality product.
- 4.2 All sales orders and specifications must be routed through the General Managers office for approval. The General Manager will require written customer acceptance of particular specifications prior to a sales order being finalized for all first time orders and parts. The purpose of the contract review is to verify that the customer's requirements are adequately defined and documented and have been understood.
- 4.3 On all first time orders customers will be required to fill out Part Information Sheets that details all critical information for that part such as tolerance, radius, finish, packaging and any other pertinent facts. These sheets will be kept on file and all orders will be made according to that information. That information will be reviewed with the customer upon acceptance of each order thereafter.
- 4.4 Upon acceptance of a sales order, delivery will be based on current backlog and materials availability. The Production Manager shall be consulted regarding unusual customer requests and/or specifications before a delivery date is scheduled.
- 4.5 Upon acceptance of the purchase order based on the information above, samples will be provided for all first time parts. These samples will need written acceptance confirmation by the customer prior to the production run.
- 4.6 Throughout the sales process, customers must be confident that **GWAZE LIMITED** is working hard to provide

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them assured quality in both a product and a reliable delivery schedule.

- 4.7 Copies of the sales order, along with other pertinent information are kept on file in the sales office. Records of all review activities are maintained as evidence.
- 4.8 All products are identified with the actual product part number or where only a description exists, the company's internal part numbers are assigned by the Sales Department.

5.0 ENGINEERING BLUEPRINT CONTROL

- 5.1 When necessary the General Manager or Production Manager shall request additional information from the clients Engineering Department on the parts or product drawings to make sure that they are of an acceptable quality for reproduction or legibility necessary to complete a sales order based on a specific customer contract.
- 5.2 Any special and pertinent information necessary to the manufacture of a customer part or product, such as special processes, dimensional requirements, special materials or specific blueprint requirements will be kept as a matter of record in the General Managers, Sales Manager, Quality Control Managers and production Managers office. This information is reviewed prior to duplicate order acceptance and production.

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- 5.3 It will be the responsibility of the customer to supply **GWAZE LIMITED** with the issuance and maintenance of up-to-date drawings and specifications and other engineering data. It will be **GWAZE LIMITED** responsibility sure that information is channeled to the proper parties prior to production.
- 5.4 All obsolete manufacturing data is returned to the Production Manager and destroyed. A complete file of all revisions and pertinent information is maintained and kept by the General Manager.
- 5.5 When drawings are revised, they shall be stamped and dated as such by the customer prior to release, thus signifying an up-to-date print.
- 5.6 No one is allowed to use any print not clearly legible or with hand written changes or notes unless prior approval is received from the customer or customer representative.
- 5.7 It shall be the responsibility of the Quality Control and Production Control Departments to insure that all manufacturing data is kept clean and legible.
- 5.8 All products are identified by a part number or description correlated to corresponding drawings, specifications and other technical documents.

6.0 PURCHASING DEPARTMENT MATERIALS MANAGEMENT

- 6.1 The company assesses its subcontractors and purchases only from those that can satisfy the company's quality requirements. Purchasing documents clearly and completely describes ordered products, including quality requirements.
- 6.2 The Purchasing Department prepares all purchasing documents. The documents clearly and completely describe ordered products. They include precise identification of the products, reference applicable standards and state quality requirements. The General Manager reviews and approves all purchasing documents prior to release.
- 6.3 The company defines subcontractors as vendors who deliver their standard products, as vendors who design and/or manufacture products from the company's drawings or specifications, or vendors who perform processing operations.
- 6.4 All requisitions for materials that require mill certifications or special processes must contain full information as to work order number, part number, applicable specifications and/or requirements necessary.
- 6.5 All mill certificates for raw material will be forwarded to the Quality Control Department for auditing and approval prior to being entered in the applicable customer's permanent file.

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- 6.6 For all raw materials and outside processes only those sources, which have been approved by the Quality Control Department as having an adequate quality assurance program or an alternate program to insure a quality product, will be used.
- 6.7 Quality performance of all subcontractors is monitored. Those showing inadequate performance are asked to implement corrective actions and are discontinued if there is no improvement or desire to improve.
- 6.8 If it is deemed desirable or necessary to develop new sources for raw materials or outside process, upon request from the applicable department, Quality Control will survey such sources to determine the adequacy of their quality assurance system and their ability to produce to **GWAZE LIMITED** high quality standards and specifications. The Quality Control Department shall have the authority to disapprove any vendor not conforming to **GWAZE LIMITED** requirements.

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7.0 PRODUCTION RESPONSIBILITY

- 7.1 It is the prime responsibility of the production Supervisory personal to coordinate all efforts in manufacturing a part of product to all applicable standards and customer requirements.
- 7.2 Strict adherence to applicable and engineering specifications is mandatory in all manufacturing operations.
- 7.3 All work orders must be accompanied by Quality Control approved blueprints and paperwork necessary to assure a part or product is manufactured to a customer's requirements, and guidelines.
- 7.4 No one is allowed to use a drawing not clearly legible or with handwritten changes or notes not authorized by Quality Control, Production Control and concurrence with or customers.
- 7.5 No production worker is to undertake any job operation without a clear understanding of the work to be performed.
- 7.6 All materials and parts in process must be clearly identified at all times.
- 7.7 It is the department supervisors' responsibility to reassure themselves that every production worker understands what is expected.
- 7.8 The production supervisors shall take all necessary steps to meet the scheduled production dates.

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- 7.9 When a specific manufacturing process requires an inspection, the Quality Control Department is to be notified.
- 710 If any person notices any discrepancy on a work order, blueprint, or contract, the Quality Control Department is to be notified.
- 7.11 A schedule of periodic tool inspection and maintenance is to be in effect.
- 712 All Production personal will give their full cooperation to the Quality Control Department and its designated personnel