

# KEMAT



# KEMAT

Contact Address: #40 Ezilo Avenue,  
Independence Layout,  
Enugu, Nigeria.

Website: [www.kematengineers.com](http://www.kematengineers.com)

Email: [info@kematengineers.com](mailto:info@kematengineers.com),  
[uata@kematengineers.com](mailto:uata@kematengineers.com)

**KEMAT** is a limited liability company incorporated in 1990, by the corporate affairs commission.

**KEMAT** is a dynamic Engineering firm with a crop of highly trained and motivated Engineers exposed to a very wide spectrum of Electrical/Mechanical and Civil Engineering works.

**KEMAT** is committed to providing economically viable engineering solutions that are consistent with health, safety and other environmental demands.

Corporate philosophy is focused on total client satisfaction through high quality services in a responsive, efficient and cost-effective manner;

**KEMAT** will provide accurate, high-quality service tailored to individual project requirement. Our team is an extension of your staff.

## **SERVICES**

**KEMAT** offers broad spectrum in Electrical, Mechanical and Civil Engineering works ranging from engineering design, supervision and construction.

### **Such services include:**

- ✍ Electrical Engineering
- ✍ Mechanical and Electrical Services in buildings
- ✍ Civil Engineering Services
- ✍ Communication Engineering Systems
- ✍ Procurement and Logistics
- ✍ Engineering Database and Documentation software
- ✍ Rural Electrification Projects
- ✍ Distribution & Power Transformers, Grid substation (330/132/33KV)
- ✍ Transmission Lines (132KV, 330KV)
- ✍ Construction Management
- ✍ Project Management
- ✍ Project Engineering
- ✍ Planning, Budgeting, and Project Control.
- ✍ Surveying, Investigation and Design
- ✍ Geotechnical Studies
- ✍ Uninterrupted Power Supply Systems
- ✍ Alternative Energy Sources; renewable energy resources and power generation (solar, wind, biomass energies etc.)
- ✍ Power Factor correction
- ✍ Short Circuit Analysis
- ✍ Lighting requirements and control
- ✍ Demand control

- Utility monitoring
- Projective schemes and co-ordination
- Bus bar design
- Grounding and ground fault investigations
- Harmonic filter design
- Rectifier and transformer equipment specification
- Rectifier system installation design
- System commissioning (including visual inspections and functional tests).
- System Protection
- **KEMAT TRAINING CENTRE** (a subsidiary of **KEMAT**) for human resources and capacity development of Engineers in Project Engineering, Project Management, distribution lines, grid substations and other high voltage systems.

## **ENERGY SECTOR**

### Transmission Lines

**KEMAT** have the capability to provide consultancy services for 330/132KV transmission line projects. We have an extensive experience in design, engineering and application of fibre optic technology and wireless communication technology, permitting and right-of-way acquisition and project management.

Our transmission engineering group has ample experience in the design and engineering of transmission lines. Our engineers work very closely with structural engineers to ensure most economic solutions for new as existing transmission line construction upgrades, which may include current or voltage increase. The deliverables of any design are complete with thorough material and construction specification that reduce risk for the client as well as the material costs and low final construction cost. Our Engineering staff are also involved in International Professional Association which help to spark fresh ideas and provide the most cost effective project solutions.

### ***Sitting and Permitting***

Our team has a department dedicated solely to the sitting and permitting of transmission lines and substations. Many substations have been successfully sited, permitted and constructed in both rural and urban areas. When selecting substation sites, we consider surrounding land use, property owner issues, and natural resources and zoning requirements. We impact adjoining owners to resolves issues prior to public hearings held before local zoning boards.

### **AC SUBSTATIONS (330/132/33KV): 33/11KV (Primary Injection Substations)**

As an integral part of the transmission system, the AC substation or the switching station functions as a connection and switching points of the

transmission lines, sub-transmission feeder, generating circuits step-up and step-down transformers.

The substation design objective is to provide max. reliability, flexibility in operation, continuity of service and to meet the objectives with the lowest investment costs that satisfy system requirement. System requirements include the selection of optimum voltage levels, which depends on load requirements and transmission line distances involved. The design of a sub-station should provide means of maintaining line, breakers and switches with no service interruption or hazards to operating personnel.

The design of a sub-station should provide a high level of service continuity, provision for further expansion, flexibility of operation and low initial and ultimate costs.

For reliability, the sub-station design should prevent total substation shut down caused by breaker failure or bus faults and should be such as to permit restoration of service after fault occurs.

**KEMAT** have been involved in the design, engineering and supervision of 330/132/33KV grid substations and primary injection substations (33/11K) over the years.

### **RURAL ELECTRIFICATION**

**KEMAT** have been associated with numerous rural electrification project especially in the South East and South-South geographical zones of Nigeria. 33KV sub-transmission feeders are extended to far flung communities in a 33/0.415KV network. Nevertheless, in communities that are closer to cities, 11/1.415KV networks are often identified with rural electrification networks.

The various stages of Engineering involved in rural electrification network include:

- Preliminary Route Survey
- Alignment Survey
- Profile survey/Pole spotting/Route profile
- Pole schedules
- Pole acceptance tests.
- Geotechnical
- Investigation
- Load survey analysis
- Supervision of pole erection, stringing and installations of sub stations.
- Pre-commission tests and visual inspections.

## **CIVIL ENGINEERING**

KEMAT Civil Engineering design, build, supervise, operate and maintain construction projects and systems in the public and private sectors, including roads, buildings, airports, tunnels, dams, bridges, and systems for water supply and sewage treatment

## **ENVIRONMENTAL**

**KEMAT's** EHS (Environmental health, safety) and Risk provides integrated Environmental, health, Safety and risk management systems together with land Contamination and Remediation across a wide number of industries.

We assist clients in developing their own environmental management programmer, controlling environmental risk in all stages of their product life cycle, in order to achieve sustainable development.

### ***Occupied Building Risk Assessment***

**KEMAT** EHS and Risk consultancy has the expertise to help you assess the risks to your employees and determine effective safeguarding strategies.

- Toxic gas hazards by worst case methodology
- Thermal radiation prediction
- Blast over pressure prediction
- Control and mitigation strategies
- Design criteria for new and modified building
- Screening assessments for new building.

## **FIRE SAFETY MANAGEMENT FLARE AND COMBUSTION SAFETY EMERGENCY PLANNING**

### ***Occupational Health***

Our EHS x Risk Consultancy can help with a number of occupational health aspects, including;

- Occupational Health Standards.
- Manual handling assessments
- COSHH assessments
- Noise assessments
- Ergonomics

## **SAFETY CASE PREPARATION**

**KEMAT'S** EHS x Risk consultancy can assist at all stages of safety case preparation and Action Plan follow up, including:

- Gap analysis against requirements
- Review of management systems
- Safety case preparation
- Major Hazard identification
- Electrical, Mechanical and Management Consultants

- Consequence, frequency and risk analysis
- Human factor assessments
- Assistance and major accident prevention policy
- Plant location Risk assessment
- Environmental risk including source, pathway, receptor analysis

## **HAZARD IDENTIFICATION AND ASSESSMENT**

Hazard identification (HAZID) techniques start from the principal that all work related injuries and illnesses and escapes of Hazardous material can be prevented. **KEMAT's** EHS and risk consultancy has a range of HAZID techniques to suit every application.

Including:

- Hazard study leadership including (HAZOP)
- Hazard review for existing plants
- Failure modes and effects analysis (FMEA)
- Failure modes, effects and criticality analysis (FMECA)

**KEMAT** also provide consultancy services in the following specialized fields. They includes:

- Health care buildings
- Educational buildings
- High rise buildings
- Office buildings
- Sports facilities
- Industrial building
- Low cost housing
- Residential houses
- Landscaping lightings
- Street Lighting Projects etc.

## **HUMAN RESOURCES DEVELOPMENT: KEMAT TRAINING CENTRE:**

Our training centre is equipped with a galaxy of intellectuals and professionals with demonstrable competence. Amongst them are instructors, course developers, facilitators and resource persons with impeccable credentials and experiences.

In this regard, **KEMAT** is poised to providing highly technically efficient, innovative and committed professionals who can handle training courses, seminars and workshops in Environmental, health and safety procedures as regards inspection/tests in electrical power systems.

We also specialize in the training of participants in the use and application of computers, the latest in information and communication technology (ICT), management, financial systems and other management courses.

Besides, we provide other support services to our client according to their

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- Human factor assessments
- Assistance and major accident prevention policy
- Plant location Risk assessment
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- Conduct training for staff of the Federal Ministry of Power on electrical safety inspection course on Power Transformers; 2.57 MVA for Engineers on GL. 10-13 – 2012.
- Conduct Training for Staff of the Federal Ministry of Power on Electrical courses on Transformer Testing and Commissioning; up to 2.5 MVA capacity for officers on GL. 08-09 – 2012.
- Design of the Panasonic PABX KX-TX-T336 10 Nitel Lines and 288 extensions for the University of Nigeria, Enugu Campus – 1998.
- Design and supervision of the 100KVA, 11/415KV distribution substation (point load) for Chief Arthur Eze's residence – (2008).
- Capacity training for Federal Ministry of Power Engineers on transmission lines (33V/132KV); grid substations (330/132/33KV); primary injection substations; distribution networks – 2012.
- Electrical Design And Supervision Of The Anambra State Ministry of Women Affairs Complex Awka. This include Civil Centre, Secretariat, Guest House Skill Acquisition Centre, Ceremonial Ground, Awrphi Theatre etc.
- Electrical Design of Law Faculty Complex, Nnamdi Azikiwe University – Awka Anambra State. (2007)
- Electrical Design and Supervision of Faculty of Physical Science, Nnamdi Azikiwe University, Awka – Anambra State. (ongoing)
- Design of 2x5MVA Injection Substation at Otolu Nnewi for Water Intake from the River for Water Distribution to the surrounding towns. In Association with NACON Consultant (2008)
- Test/Inspection Report for the 1x200KVA, 11/0.415KV Distribution Substation at off Margaret Avenue, by PZ industries Aba – Abia State (2009)

- Design, rehabilitation and restoration of the street lights at the University of Nigeria at (1) Nsukka Campus (2) Enugu Campus (3) College of Medicine (UNTH) Ituku-Ozalla (2015 – 2016).
- Design and Installation of 500KVA, 11/0.415K distribution network at Women Development (Dora Akunyili) Centre at Awka, Anambra State – 2002.
- Design and Installation of 1 x 100KVA, 11/0.415KV distribution substation at System Metal Industries, Ikeja – 2003.
- Power cable, Switchgear Panel and 7.5MVA transformer tests at Anammco Factory, Enugu, such tests include:
  - (i) Insulation resistance tests (IRT) for the primary and secondary windings
  - (ii) Dielectric strength tests (Breakdown Voltage tests)
  - (iii) Ratio Tests.
  - (iv) Functional tests in the winding and temperature relays (auxiliary relays) earth fault and differential relays etc.
  - (v) Calibration of Winding and oil temperature meters.
  - (vi) General earth tests
  - (vii) Magnetization curve tests on the Cts.
  - (viii) General Cable tests (High Voltage DC tests 1990)

### **SERVICE DELIVERY AND COMMITMENT**

**KEMAT** have an efficient and effective service delivery system. We are therefore committed to delivering readily and promptly when called upon by any clients at all times.

# CURRICULUM VITAE (CV)

## OF SOME OF OUR ELECTRICAL AND CIVIL ENGINEERS

### ENGR. UGOCHUKWU ATA

S/N	POSITION	PROJECT MANAGER/CO-ORDINATOR
1.	Name of person	Engr. Ugochukwu Ata
2.	Date of Birth	14 <sup>th</sup> March, 1950
3.	Nationality	Nigerian
4.	Membership in professional societies	COREN, MNSE, FNSE Member IEEE, USA
5.	Education	Abadina School, University Of Ibadan 1956-1959 Christ Chruch School, Uwani Enugu 1971-1972 (post primary) Merchants of Light School, Oba 1962-1971 University of Nigeria Nsukka 1972-1977
6.	Other Training Education	First School Leaving Certificate 1952 West African School Certificate 1971-1972 B.Sc (Hons) Electrical/Electronics Engineering 1977
7.	Countries of work Experience	Nigeria, Germany, Britain, France, Austria etc
8.	Professional Associations ad Responsible Positions held	<ul style="list-style-type: none"><li>• Fellow, Nigeria Society of Engineers (FNSE) 2004</li><li>• Co-operate member, Nigeria Society of Engineers (MNSE) 1984</li><li>• Co-operate member, Council for the Regulation of Engineering in Nigeria (COREN) 1985</li><li>• Co-operate member, Institute of Electrical Electronic Engineers (IEEE) USA, 1982</li><li>• Chairman, National Rural Electrification Programme for the south-East States 2004-2006</li><li>• Chairman, Wiring Licensing Board (South-East States).</li></ul>
9 .	Employer: Federal Ministry of Power	<b>Workshops. Seminar And Conference Attended</b> Member, CIGRE Conference On High Voltage Electric System Held In Paris, France (1982)  Member, Atomic Energy Con ference On Safeguards At Vienna, Austria (1984).

	<b>Employer: Federal Ministry of Power</b>	<p><b>Project Engineer:</b> Construction Of Most Of The 33/0.415kv Township Distribution Networks (Tdn) For The 33kv Inter-Township Connection (TDN) For The Then Rivers State Rural Electrification.</p> <p><b>Program (1980-1981)</b></p> <ul style="list-style-type: none"> <li>• Testing, Inspection And Certification Of Rural Electrification Networks In The South-Eastern States Of Nigeria. It includes over 30,000 numbers of distribution transformers at voltage level of 33/0.415KV, 11/0.415KV with capacities of 200KVA, 300KVA, 500KVA etc,</li> <li>• Destructive Tests On The Electric Concrete Poles To Determine Factor Of Safety.</li> <li>• Commissioning Engineer for the 2 X 10MW Power station at Amaraku Imo State (1982).</li> <li>• Investigating Electrical Contractors</li> <li>• Investigating and if necessary consider and prosecute contraventions of Electricity.</li> </ul>
		<p><b>Employee 4 6<sup>th</sup> Feb.2009 To Date</b></p>
<p>10. Work undertaken that best illustrate your capability to handle this assignment.</p>		<p>Engr. U. Ata Has Experience In Electric Power Generation Spanning Over Two Decades, As A Team Leader, He was responsible for cross checking Calculations Of Design Head, Design Flow, Rated Power In The Turbine And The Regulator While Ensuring Normalcy Of Regulator. As A Seasoned Of The Team And Supervision Of Various Project Engineering. Construction of most of 33/0.415KV Township Distribution Networks (TDN) and 33KW Inter-Township Distribution (ITC) for the then Rivers State Rural electrification.</p>
		<p>National conference on Rural Electrification, Abuja (8<sup>th</sup>-9<sup>th</sup> May 2002) To coordinate and supervise the activities of other members of the team while ensuring that the design and documentation for the contract passed quality control and quality assurance tests.</p>

11.	KEMAT ENGINEERS (2010)	<ul style="list-style-type: none"> <li>• The Design, Construction And Supervision Of The Electrical Installations For The Law Faculty Complex, Nnamdi Azikiwe University (Unizik), Awka.</li> <li>• The Design And Supervision Of The Electrical Installations For The On-Going Faculty Of Biological And Physical Sciences Complex, Unizik, Awka.</li> <li>• The Design And Supervision Of The On -Going 132kv Dc Transmission Line From Benin To Ugo In Edo State.</li> <li>• Construction And Supervision Of The Electrical Installations For Health Centres (20 No) In Enugu State Executed By Partnership For Transforming Health Systems 2 (Paths 2) Sponsored By British Government.</li> <li>• Kemat Training Centre – A Subsidiary Of Kemat Engineer. Have conducted seminars/workshops on electric power systems and alternative energy sources for more than 150 Power Engineers of the Federal Ministry of Power within the past 2 years.</li> </ul>
12.	Civil Engineering	<ul style="list-style-type: none"> <li>• Construction of A 2 Storey building, 20 Room Hotel Complex (en suite) For CAPEARL VENTURES At Plot A, 54 Owo River Layout, Ogui Nike, Enugu, (2017).</li> <li>• Construction of A Storey building, 25 Room Hotel Complex (en suite) For Golden Bricks Hotels &amp; Suites At Plot 17 Liberty Estate Phase 2, Independence Layout (By Library Bus-Stop) – 2017.</li> <li>• Construction of A Residential Duplex at No. 1 Ugochukwu Ata Crescent Araba, Umuzocha, Awka for Engr. Ugochukwu Ata (2017).</li> </ul>
13.	KEMAT NIG. LTD (WORK EXPERIENCE)	<p>Upon retirement, he formed an Electrical Engineering Construction firm KEMAT NIG LTD where he is the Managing Director/Chief Executive Officer. The Kemat Nig Ltd has been involved in various electrical power projects etc. including:</p> <ol style="list-style-type: none"> <li>1. The installation of 6x300KVA, 11/0.415KV; 2x500KVA, 11/0.415KV at Umuzocha village, Awka.</li> <li>2. Installation of 1x500KVA, 11/0.15KV distribution network at Women Development</li> </ol>

## KEMAT NIG. LTD (WORK EXPERIENCE)

Centre (Dora Akunyili Centre) in Awka, Anambra State – 2002

3. Testing of 20x300KVA, 15x500KVA, 33/0.415KV distribution transformers for Anambra State Government. Such functional tests included:

- a. Pressure tests at various DC High Voltages depending on the voltage levels of the distribution transformer. This is done to determine the insulation resistance via leakage currents. Instruments used included 80KV DC hipotronics
- b. Insulation resistance tests using 1KV or 5KV megger. This test is conducted before and after the pressure tests.
- c. Ratio tests using Ratiometers to ascertain the voltage levels of the various transformers.
- d. Dielectric strength tests (Breakdown Voltage BDV tests) of the various oil samples
- e. Insulation resistance tests (IRT) on the various incoming and outgoing cables. Some of the cables were pressure tested using the 80KV DC hipotronics equipment
- f. General earth tests
- g. Vector group tests

4. Installation of solar motored boreholes with plastic tanks at Ndimoko, Ideato North Local Government Area, Imo State.

5. Rehabilitation of existing street lights and installation of new street lights at the University of Nigeria, Nsukka, Enugu and Ituku-Ozalla campuses.

**KEMAT** have a subsidiary firm **KEMAT TRAINING CENTRE**. The Kemat Training Centre is involved in conducting seminars and workshops for Electrical Engineers (Electrical Power Option); they include courses on:

- Distribution networks 415V, 11KV, 33KV
- Distribution transformer 700KVA, 200KVA, 300KVA, 500KVA, 750KVA
- Transmission networks 132KV, 330KV etc
- Power transformers: 7.5MVA, 15MVA, 30MVA, 60MVA, 150MVA etc
- Testing and commissioning of 11KV, 33KV

KEMAT NIG. LTD  
(WORK EXPERIENCE)

metal-clad switchgear panels

- Testing and commissioning of 7.5MVA, 15MVA, 33/11KV primary injection substations.

Other courses offered include Computer application, management application; financial analysis courses and other specially arranged courses (like Alternative energy courses, renewable energy courses and power generation etc). The training centre has since trained about 200 No. participants from different power organizations including the Federal Ministry of Power.



**The Nigerian  
Society of Engineers**

000881

This is to certify that

*Anakweze V. Ata*

having satisfied the conditions laid down in the Society's Memorandum and Articles of Association is hereby admitted as

*Fellow*

of the Society and is fully entitled to all the privileges granted therein.



*Fellow*

15 - 07 - 20 04

No. 01878

*[Signature]*  
President

*[Signature]*  
Secretary



**The Council of  
Registered Engineers of Nigeria**

This is to certify that

*Ugochukwu Ata*

has been duly Registered by  
the Council of Registered Engineers of Nigeria.  
He is hereby authorised to practice the engineering  
profession within the Federal Republic of Nigeria as

**Electrical Engineer (R. 2594)**

and to use before his name the designation of

ENGR.

Dated 22nd day of November 19 85

*[Signature]*  
REGISTRAR

*[Signature]*





## CURRICULUM VITAE

**Name:** Engr. Lambert Nwabueze Egbue  
**Nationality:** Nigeria  
**Position:** Senior Mechanical Engineer  
**Schools Attended:** (a) Christ The King College, Onitsha  
(b) University of Nigeria, Nsukka.  
(c) Polytechnic of the South Bank, London

**Qualifications:** (a) B. Sc. (Hons)  
(b) C.N.A.A. Post Graduate Diploma  
(Environmental Engineering).

**Membership of Professional Bodies:** (a) Association Member Chartered Institute of Building Service (AMCIBS)  
(b) Council of Registered Engineers of Nigeria (COREN)

### **Work Experience:**

**1980-Date:** As Principal Partner, **LAMBERT & PARTNERS**, coordinates the activities of all various engineering departments. In addition to administrative duties, handles some of the firm's mechanical and electrical systems designs for private, institutional, industrial, and commercial buildings. Such buildings include:

- Medical School Nnewi Campus, Anambra State University of Technology.
- School of Agriculture, Abakaliki Campus, Anambra State University of Technology.
- First Bank Offices Blocks at Enugu, Calabar and Aba.
- Medical software Factory, Nkwelle Ezunaka.
- Stenna Mills Factory, Onitsha.
- Street Lighting Scheme for Project Development Institute, Emene.
- External Electrical Reticulation for Proda Permanent Site.
- Science Laboratory Complex for Project Development Institute, Emene.
- Niger Foundation Hospital, Phase I and II, Enugu.
- Centre for advancement of Technology, Ukpo Junction, Anambra state.
- Diagnostic Centre Neni.
- 100-Bed Hospital, Uola (In Association with Bartels Nig. Ltd).
- 500-Bed Hospital, Maiduguri (in Association with Barbers Nig. Ltd)

- School of Health Technology, Mubi Gongola State
- Burns Units etc, National Orthopaedic Hospital, Enugu
- Prosthetic/Orthoic workshop, National Orthopaedic Hospital, Enugu (in Association with Ron Consultants)
- Theatre Complex and Maternity Ward, Nnamdi Azikiwe University Teaching Hospital Nnewi (in Association with Nwagbo Associates).
- Anambra Diagnostic and Treatment Centre, Nnewi (in Association with Zans and Associates).
- Educational Technology Centre, A.I.C.E. Owerri.
- Hill-point University Centre, Enugu (Supervision only).
- Proposed Dietel Project (Computer Centre) UNN (in Association with Odumodu and Associates).
- Supervision of Electrical Installations of National Stadium Abuja, Package "B".

**1977-1979:** As the Resident Engineer, Omo Uwa Partners, was responsible for administration and operations of the firm in old Bendel State.

- The Re-design and supervision of the drainage system for the out-patient, general practice clinic and pharmacy departments of the University of Benin.
- 250 Bed Military Hospital.
- Ukiwe's Block of Flats at Ikoyi estimated at N1m.
- Sonny Odogwu's Country Home at Asaba.
- Faculty of Arts & social Building University of Benin.

**1976-1977:** Post Graduate Studies at Polytechnic of the South Bank, London, on completion of this course, he became a qualified Building Services Engineer.

**1972-1976:** As Project Engineer, was responsible for the Service design and supervision of many buildings, which included:

- Enugu Airport
- 640-Bed Hospital Blocks, University of Nigeria Nsukka
- African Continental bank Headquarters, Lagos.

As Head of Department, handled in addition to administrative duties, the engineering services design and supervision of many projects which include:

- Bernard Carr Civic Centre, Port Harcourt
- Faculty of Science Laboratories, University of Benin.
- Laboratories for Agricultural Research Institute, Ibadan

# ENGR. ANTHONY OBIEFUNA MBAMALU

Name: Engr. Anthony Obiefuna Mbamalu  
Address: 12 Tank Close Trans-Ekulu, Enugu  
Phone: 08033319774  
Date of Birth: 7<sup>th</sup> February, 1947  
Age: 64 yrs  
Marital Status: Married  
Nationality: Nigerian

## INSTITUTIONS ATTENDED WITH DATES

Holy Cross High School Umuawulu, Awka	1960-1964
University of Nigeria, Nsukka	1972-1977

## QUALIFICATIONS OBTAINED

West African School Certificate (WASC)	1964
Bsc (Hons) Electrical/Electronic Engineering	1977

## PROFESSIONAL QUALIFICATIONS

Member Institution of Electrical and Electronic Engineers (MIEEE)	1981
Member Nigeria Society of Engineers (KNSE)	1987
Registered with COREN	1992

## IMPROVEMENT COURSES ATTENDED

P1 – Projection Course	August 1981
M1 – Metering Course	December 1981
C3 – Communication course	December 1982
Operations Management	May 1982
Workshop on Staff Training	May 1982
Learning to be Commercial	June 2002
Learning to be Commercial Plus	December 2002
Personnel Development Course	April 2003
Effective Change Management Training Program	May 2003
Hands on Power System Training Course	August 2003

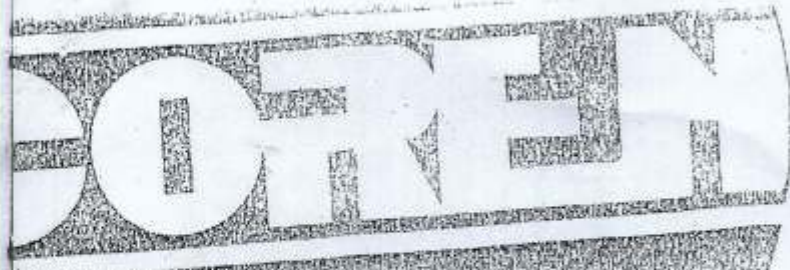
### WORK EXPERIENCE:

1977-78	NYSC	Kaduna Polytechnic	Lecturer; Taut Basic Electrical Eng. And Tech. Drawing.
1978-80	Pupils Engr.	NEPA Transmission NEPA Distribution NEPA System Planning NEPA National Control Centre	Pupilage Training Pupilage Training Pupilage Training Pupilage Training
1980-83	Electrical Engr.  Senior Engr.	NEPA Transmission Oshogbo  NEPA Transmission Oshogbo	PCM Engineer  PCM Engineer
1984-85 1985-87	Senior Engr. Principal Engr.	NEPA Trans. Jos Work Centre	Area PCM Engr. And Maintenance Superintendent Covering Jos/Bauchi axis
1987-88 1988-91	Principal Engr. Asst. Chief Engr.	New Haven Transmission Enugu. New Haven Transmission Enugu.	Area PCM Engr./Maintenance Superintendent i/c New Haven, Nkalagu and Abakaliki Transmission Stations.
1991- 2002	Principal Manager	General Sapele	PM i/c Electrical, PC & M, Instrumentation and Control departments of

			Sapele Power Station Installation of bulk transformers (up to 40) and associated circuit breakers
2002-2006	Asst. General Manager (T)	AGM(T) i/c Enugu Sub-region	Supervised maintenance activity of Onitsha and Enugu Area Transmission Work Centre
2006-Feb. 2007	Ag. Regional Trx. Manager	Enugu Transmission Region	Supervised activities at the Enugu Transmission Region which included Enugu Sub-region and Aba Sub-Region

Signed:

.....  
**Engr. A. O. Mbamalu**



ESTABLISHED BY ENGINEERS (REGISTRATION ETC) DECREE 55 OF 1970

# The Council of Registered Engineers of Nigeria

This is to certify that

*Anthony Obiefuna Abanaku*

has been duly Registered by the Council of Registered Engineers of Nigeria and is hereby authorised to practise the engineering profession within the Federal Republic of Nigeria as

*Electrical Engineer (R. 4753)*

and to use the designation

*ENGR.*

*2nd* day of *March* 19 *92*

SEAL

in presence of

1/5



## CURRICULUM VITAE (CV) FOR EACH PROPOSED PROFESSIONAL STAFF

1. **PROPOSED POSITION FOR THIS PROJECT:** Senior Electrical Consultant Engineer

2. **NAME OF PERSON:** Engr. Ezechukwu Oseloka Augustus

3. **DATE OF BIRTH:** 09-06-1959

4. **NATIONALITY:** Nigeria

5. **MEMBERSHIP IN PROFESSIONAL SOCIETIES:**

- i. Member Nigerian Society of Engineers. (MNSE)
- ii. Registered with COREN – 25/06/07

6. **EDUCATION:**

Nnamdi Azikiwe University, Awka B. Engr. Elect. (1<sup>st</sup> Class Hon) 1997-98

Nnamdi Azikiwe University, Awka M. Eng. Elect (Distinction) 1999-2000

Nnamdi Azikiwe University, Awka PhD (Power System Engrg) April 2009

7. **OTHER TRAINING EDUCATION:**

<b>COURSE</b>	<b>ORGANIZER</b>	<b>DATE</b>
a) Digital Electronics	BBC (Switzerland)	1980
b) Power line Carrier & Telecommunication	BBC (Switzerland)	1980
c) Data System and Remote Control DASA 1	BBC (Switzerland)	1981
d) Data Acquisition and Advanced Remote Control and Substations	BBC (Switzerland)	1981
e) Power System Protection Management Seminar	Mitsubishi Coy (Lagos)	1980
f) Power System Distance Protection Seminar	Siemens Coy (Lagos)	1980
g) Management/Interview Technique	MADEC Associate (Benin)	1980

8. **EMPLOYMENT RECORD:** Employee of KEMAT

**EMPLOYER**

**EMPLOYER 1 FROM: TO:** NEPA Transmission (1977-1991)

**POSITION:** Manager

**EMPLOYER 2 FROM: TO:** Selka Engineering Service (1991-1998)

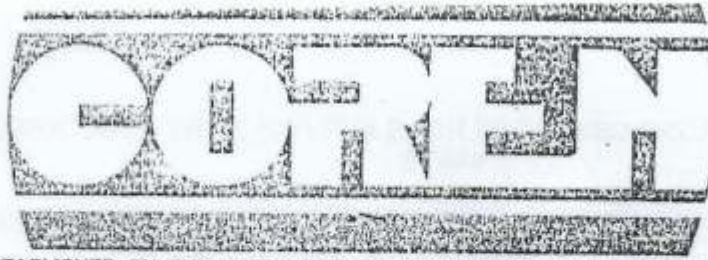
**POSITION:** Gen. Manager

**EMPLOYER 3 FROM: TO:** 1999 to date KEMAT Engineers Nig Ltd

**POSITION:** Senior Consultant Engineer.

11. **WORK UNDERTAKEN THAT BEST ILLUSTRATES YOUR CAPABILITY**

I. He was a Manager in NEPA Transmission



ESTABLISHED BY ENGINEERS (REGISTRATION ETC) DECREE 55 OF 1970  
AND AS AMENDED BY DECREE 27 OF 1992

*The Council for the Regulation of Engineering in Nigeria* 009602

*This is to certify that*

Oseloka Augustus Ezechukwu

*has been duly Registered by  
the Council for the Regulation of Engineering in Nigeria,  
and is hereby authorised to practise  
within the Federal Republic of Nigeria as*

**Electrical Engineer**

**R. 13,544**

*and to use before his/her name the designation*

**ENGR.**

Dated 25th day of June 2007

REGISTRAR

PRESIDENT



*This certificate is the property of the Council and it is valid  
only for so long as the holder's name remains on the Register.*



# ENGR. IKE ALPHONSUS C.

**Name:** Engr. Ike Alphonsus C.  
**Date of Birth:** 05/05/63  
**Place of Birth:** Itchi  
**Local Government:** Igbo-Eze South  
**Sex:** Male  
**Contact Address:** 47 Amawbia Street, Uwani Enugu  
**Phone No:** 08054037165, 042-455602

## SCHOOLS ATTENDED WITH DATES

- |    |  |           |
|----|--|-----------|
| 1. | Community Primary School Itche in Igbo-Eze South L.G.A   | 1968-1973 |
| 2. | St. Theresa's College Nsukka                             | 1974-1979 |
| 3. | Anambra State University of Technology (ASUTECH), Enugu. | 1980-1985 |

## QUALIFICATIONS OBTAINED:

1. First School Leaving Certificate (Credit)
2. WAEC
3. B. Eng in Electrical/Electronic Engineering and Computer Science (Second Class Honor, Lower Division).

## WORK EXPERIENCE

1. Surveyed, Designed and Supervision of 50 towns in that second phase of then the Anambra State Rural Electrification. The towns include Umuaga, Nkalagu, Odumoke, Umuabi etc as project Engineer with an Associates Chartered Engineer.
2. Electrical Design and Supervision of Women Development Centre Awka.
3. Electrical Design and Supervision of the Faculty of Business Administration Building, Michael Okpara University of Agriculture Umudike, Abia State.
4. Electrical Design of water reticulation Project in Nnewi L.G.A of Anambra / Imo River Basin Development Authority.
5. Supervision of Abia and Imo States in the on-going National Rural Electrification projects.
6. Electrical Design and Supervision of Awhum/Ukana National Rural Electrification projects.
7. Electrical Design of Law Faculty Complex, Nnamdi Azikiwe University, Awka.

## Test and Commissioning of 11KV Metal Clad Switch Panel Installed at Premier Breweries, Onitsha. They include:

- i. Installation Resistant Test (IRT) of cable
- ii. Voltage Transformer (VT) installation resistant test using Mega on the Primary and Secondary Links

- iii. Secondary Injection Tests on Relays.
- iv. Primary Injection Test – Polarity Confirmation of CT ratios including Meter Calibration.
- v. Functional Tests on relay and circuit breakers \*Trip/close)
- vi. Magnetization curves Tests on the CTS
- vii. Earth resist test of switchgear panel.
- 8. Power Cable, Switch Panel and Transformer Test**
- i. Insulation Resistant Test (IRT) in the Primary and Secondary windings.
- ii. Dielectric strength test (Breakdown Voltage of oil samples)
- iii. Vector group test.
- iv. Ration test.
- v. Functional tests in the windings temp Relay, the oil temp relay (Auxiliary relay) Buohozz relays, Earth Fault relay, Different relay etc.
- vi. Calibration on the transformer body.
- vii. Checking of alarms switches.
- viii. General Earth Tests.
- 9. Commissioning test of Achina rural electrification project, oil test, earth resistant tests, distribution transformer tests including ratio test, continuity test, and step up or excitation test, HVDC pressures test 33KV for 1 minute.
- 10. Design of the township distribution networks (33/0.41KVA) at Akpu, Awka Etiti in Anambra state.
- 11. Electrical Design of Pine Crest School complex, Independence Layout, Enugu.
- 12. Design of AMVA Injection sub-station for the water intake of Anambra – Imo River Development Authority for Nnewi L.G.A in Association with NACON Consultant Engu.
- 13. Construction of 6 No. Relief substation at Ogui Business Unit of PHCN
- 14. Onuorie National Rural Electrification project in Enugu State.
- 15. The Electrification of Jankasa, Kachere in Kaduna State.
- 16. Pre-commissioning Tests on 5MVA, 2.5MVA, 360KVA, 33/0.415KVA at Enugu Watti, Auchi and Ore Deport of NNPC.

#### **Professional Bodies**

- 1. Member, Nigeria Society of Engineers
- 2. Member, COREN

#### **Referees:**

- 1. **Mrs. Gil Ugwu**  
*Permanent Secretary, Minister of Information, Enugu*
- 2. **Arch. M. Okorocho**  
*Principal Consultant Silhulues Nigeria*

Signed:

.....  
**Engr. Ike Alphonsus C.**



ESTABLISHED BY ENGINEERS (REGISTRATION ETC) DECREE 88 OF 1970  
AND AS AMENDED BY DECREE 27 OF 1992

*The Council for the* 003126  
*Regulation of Engineering in Nigeria*

*This is to certify that*

*Alphonso Chinedu Ike*

*has been duly Registered by  
the Council for the Regulation of Engineering in Nigeria,  
and is hereby authorised to practise  
within the Federal Republic of Nigeria as*

*Electrical Engineer (R. 8095)*

*and to use before his/her name the designation*

*ENGR.*

Dated *17<sup>th</sup>* day of *May* *2000*

REGISTRAR

PRESIDENT



# CHUKWUKA ONWUZULIGBO.

## CIVIL ENGINEER

### PERSONAL DETAILS:

**DATE / PLACE OF BIRTH:**

05:06:1964/Awka, Nigeria

**SEX:**

Male

**CONTACT ADDRESS:**

No 5 Third Avenue, City Layout,  
New Haven, Enugu, Nigeria

**TELEPHONE:**

080-723-8689

**E-MAIL:**

[engronwuzuligbo@yahoo.com](mailto:engronwuzuligbo@yahoo.com)

**SPOKEN & WRITTEN LANGUAGES:** Igbo and English Languages

**PROFESSIONAL ASSOCIATION:** Registered Engineer; COREN

Corporate Member, Nigeria Society of  
Engineers.

### QUALIFICATIONS AND EDUCATION WITH DATES

- Registered Engineer by Council for the Regulation of Engineering in Nigeria (COREN R-8277) 2000
- B. Eng (Hons) Civil Engr:- Anambra State University of Science & Technology, Enugu. 1983–1988
- WASC/GCE (O'level):- St. Michael Secondary School, Nimo 1977-1982
- First School Leaving Certificate:- Practising School, Awka 1972-1977

### EMPLOYMENT HISTORY

1. **Employer:** Chunnon Nigeria Limited 09/2010 – Date  
**Position:** Project Manager
2. **Employer:** Jukok International Limited 11/2008 – 08/2010  
**Position:** Project Manager  
**Project:** Construction of various roads in Enugu and Ebonyi States.
3. **Employer:** Pinssyl Nigeria Limited, Warri 09/2008 – 10/2008  
**Position:** Project Manager  
**Project:** Construction of foundation structures for surge tank replacement at Abiteye flow station. Chevron Nigeria Limited.
4. **Employer:** Johken Global Limited, Warri 03/2008 – 08/2008  
**Position:** Site Manager  
**Project:** Rehabilitation of Student's Hostel Blocks for Federal University of Petroleum Resources Ogbomro/Effurun. Delta State.
5. **Employer (on contract):** Shell Petroleum Development Company Nigeria; SPDC. 07/2007 – 02/2008

Position: Company Site Representative  
Project: Supply & Installation of Prefab ISO-building for SPDC, Main Office Area, Warri.  
Contractor: General Metal Product (GMP), Limited.

6. **Employer:** Woksons International Limited, Warri      01/2007 – 06/2007  
Position: Project Engineer  
Project: Construction of various roads in Delta State for the state government
7. **Employer:** West African Gas Pipeline Company      Oct-Dec 2006  
Position: Civil Inspector  
Project: West African Pipeline Project (Inspection of civil works at Lagos Beach Compressor Station and Tie-in Station at Alagbado Tee (all in Nigeria))
8. **Employer:** Natony Limited, Warri.      03/2004 – 09/2006  
Position: Project Engineer  
Project: Forcados Yokri Integrated Project-Onshore for SPDC – West. (Construction of New Yokri Flow station)
9. **Employer:** Graham Parker Nigeria Limited, Warri      03/2001– 02/2004  
Position: QA/QC Engineer  
Project: Construction of Residential Building and Classroom Blocks at for SPDC at Edjeba learning Village, Warri.
10. **Employer:** Alcon Nigeria Limited, Warri      11/2000 – 02/2001  
Position: Site Manager  
Project: Facilities upgrade (Compressor/Flow station) for Shell at Jones Creek
11. **Employer:** Bilwadams Construction Company Ltd, Agbor 04/1993-10/2000  
Position: Project Engineer  
Project: Construction of Benin – Asaba additional Carriageway
  - Earthworks
  - Soil cement stabilization
  - Crushed stone/asphalt laying
  - Replacement of swamp
  - Office and personnel administration
12. **Employer:** Bilante International Ltd, Enugu      11/1989 – 03/1993  
Position: Site Engineer  
Project: Construction of Trans-Ekulu access Roads and Bridge/Flyover, Enugu
  - External works at 82, Division HQ/Garison Abakpa Barrack, Enugu

13. **Employer:** Nigeria Army Barrack, Ilorin 09/1988 – 09/1989  
Position: Engineering Instructor (NYSC)  
Duties: Instructor in Engineering related subjects like Engineering Drawings, etc
14. **Employer:** Mobil Producing Nigeria, Qua Iboe Oil Terminal, Eket, 09/1986-1987  
Position: Training Engineer  
Duties:
- Team member for the extension of offshore platform construction
  - Jetty renovation at Qua Iboe Oil Terminal
  - Engineering Planning

#### **OTHERS DETAILS: SKILLS**

- A team player; work effectively by actively contributing to the accomplishment of goals.
- Work effectively and successfully with superiors, clients, and others.
- Share own knowledge in daily work
- Open to new ideas and continuous learning.
- Keep control when pressure is high.
- Good at presenting accurate and thorough reports.
- Computer Literate.

**HOBBIES:** Watching sports, Reading & Listening to Music.

#### **REFEREES:**

1. **Engr. Walter C. Osondu**

Principal Partner,  
Waltech Eng. Services Ltd,  
Port Harcourt  
0803093536.

2. **Engr. Wilson Emenike**

Field Engineer 1,  
NDPHC/NIPP,  
South East.  
0803 313 8987

3. **Engr. Churchill Ochuba**

Managing Director,  
Churchill Engineering Ltd.  
Enugu.  
0803 309 6978



ESTABLISHED BY ENGINEERS (REGISTRATION ETC) DECREE 95 OF 1970  
AND AS AMENDED BY DECREE 27 OF 1982

**The Council for the Regulation of Engineering in Nigeria**  
003335

This is to certify that

*Chukwuka Johnny Nwabueze Oruazuligbo*

has been duly Registered by  
the Council for the Regulation of Engineering in Nigeria,  
and is hereby authorised to practise  
within the Federal Republic of Nigeria as

*Civil Engineer (R.82777)*

and to use before his/her name the designation

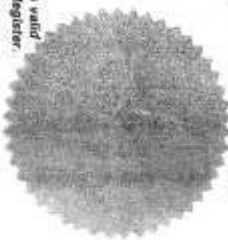
ENGR.

Dated 17<sup>th</sup> day of August 2000

REGISTRAR

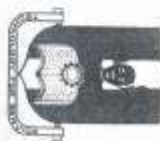
PRESIDENT

*[Signature]*  
*[Signature]*



This certificate is the property of the Council and it is valid only for so long as the holder's name remains on the Register.

**Anambra State University of Technology**



Hereby confers upon

*Oruazuligbo Chukwuka Nwabueze Johnny*  
THE DEGREE OF BACHELOR OF ENGINEERING

in Civil Engineering

with Second Class Honours (Lower Division)

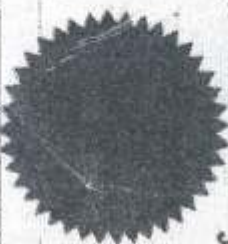
together with all the rights and privileges appertaining thereto, in consideration of the satisfactory completion of the course and other requirements as prescribed by the University.

In testimony whereof, we have caused our signatures and common Seal of the University to be affixed hereto.

Given at Enugu, Nigeria on the twenty first day of August in the year of our Lord, nineteen hundred and eighty-eight

*[Signature]*

REGISTRAR



*[Signature]*  
VICE-CHANCELLOR



278894

NATIONAL YOUTH SERVICE CORPS

### Certificate of National Service

This is to Certify that

Onwuzuligbo, Chukwika Johnny  
NDSE/KW/AVE/88/18953 has satisfactorily completed one year of national service from 15th Sept. 1988 to 17th Sept 1989 in accordance with Section 11 of the National Youth Service Corps Decree No. 24 of 1973.

17th Sept. 1989

Am. Gramo. Cul

Director  
National Youth Service Corps

### The Nigerian Society of Engineers



004006

This is to certify that

Chukwika Johnny A. Onwuzuligbo

having satisfied the conditions laid down in the Society's Memorandum and Articles of Association is hereby elected a

Member

of the Society and is fully entitled to all the privileges granted therein

Member



Chukwika  
President

Chukwika  
President

0-11-1986 No. 07812



**ENGR. PETER ARINZECHUKWU CHIEJINA,  
B.Sc, FNSE, FNICE, MASCE, AMSCE, COREN R1249**

**PROFESSION:** Civil Engineer.

**EDUCATIONAL QUALIFICATION:**

1952-59: St. Cyprians Primary School, Port Harcourt.  
Certificate Obtained: First School Leaving Certificate.

1960 – 64: Country Grammar School, Ikwerre – Etche.  
Rivers State.  
Certificate Obtained: West African School Certificate in Grade One.

1965 – 66: Baptist High School, Port Harcourt.  
Certificate Obtained: Higher school Certificate and G.C.E. Advanced Level Certificate in Physics, Pure Maths and Applied Maths.

1970 – 74: University of Nigeria, Nsukka.  
Certificate Obtained: B.Sc. Hons. Degree in Civil Engineering.

**REGISTRATIONS:**

1. Fellow Nigeria Society of Engineers.
2. Fellow Nigeria Institution of Civil Engineers.
3. Registered Member, Council for the Regulation of Engineering in Nigeria (COREN). R1249.
4. Member American Society of Civil Engineers.
5. Member associate Canadian Society for Civil Engineering.

**PROFESSIONAL EXPERIENCE:**

**June 1974-July 1975:** National Youth service Corps. Worked as an assistant resident engineer for the North Central State Water Board on the construction of the N7 million Kangini Dam.  
Project, Kaduna.

**Aug. 1974-March 1976:** Employed by a Dutch Construction Company (Overseas Construction Company Ltd. OCC) as site civil engineer at the construction of 600,000 tons/annum Shagamu Cement Works. Project Cost N80 million.

**April 1976-Dec. 1979:** Employed by Shawmont Nig. Ltd., Canadian Consulting Engineering Firm as site civil engineer at the construction of NEPA 1020 megawatts thermal power station, Sapele Delta State. Project cost N400 million.

**January 1980-Present:** Managing Director/Projects Engineer – PICCOL NIG. LTD. for the following projects

1. Umutu Erosion control project, Delta State for Benin Owena River Basin Development Authority. Project cost of N106 million.
2. Ubulu – Uku Erosion control project, Delta State for Benin Owena River Basin Development Authority. Project cost N105 million.
3. Ogbunike Erosion control project, Anambra State for Anambra Imo River Basin Development Authority. Project cost N229 million.
4. UNDP assisted Alor/Nnobi Erosion control works for Anambra State Environment protection Agency. Project cost N43 million.
5. Tundun Wada Erosion control project, Sokoto State for Sokoto Rima River Basin Development Authority. Project cost N96.6 million.

# OCHUBA, CHURCHILL NNAMDI

**NATIONALITY:** NIGERIA  
**DATE OF BIRTH:** 2<sup>ND</sup> MAY 1959  
**PROFESSION:** CIVIL ENGINEER  
**QUALIFICATIONS:** B.Eng. (CIVIL Eng) 1983

**SPECIALIZATION:**

- (1) **GEO-TECHNICAL ENGINEERING**  
(Soil Mechanics, Sub-soil Investigations  
Foundations and Highways Design)
- (2) **WATER RESOURCES ENGINEERING**  
(Dams, Irrigation/Drainage, Flood/Erosion  
Control and Water Supply Design)
- (3) **BUILDING TECHNOLOGY**  
(Design/Construction of Reinforced Concrete  
Structures)
- (4) **ENVIRONMENTAL ENGINEERING**  
(Sanitary and Waste Management Works)

## **PROFESSIONAL STATUS:**

1. CORPORATE MEMBER: NIGERIAN SOCIETY OF ENGINEERS (NSE)  
94790
2. CHARTERED MEMBER, COUNCIL FOR THE REGULATION OF  
ENGINEERING IN NIGERIA (COREN) R4929
3. CORPORATE MEMBER: NIGERIAN INSTITUTE OF STRUCTURAL  
ENGINEERS (instruct E)
4. COREN-ERM (ENGINEERING REGULATING INSPECTORATE UNIT)  
CHIEF INSPECTOR ENUGU ZONE REF. NO.  
COREN/ERMP/ENUGU/007

2013 To Date:

**CHURCHILL ENGR. LTD**

**DESIGN/CONSTRUCTION OF RESIDENTIAL BUILDINGS**

- Two-Storey Building Project (Duplex) at Oba, Anambra State.
- (3 Nos) A storey Building Project at Oba, Anambra State
- 4Nos Multi Storey Building Projects, at Enugu, Enugu State
- Structural Design and Construction of Multipurpose Building Bishop's Court/Guest House for Nike Diocese.
- Structural Design/Construction of St. Andrew's Church Hall/2 Storey Residential Building at Enugu.
- Rehabilitation of access carriageway in-road and Frontage for University of Nigeria Teaching Hospital Ituku/Ozalla, Enugu.
- Flood Control measures works at Ward 2 UNTH, Ituku/Ozalla, Enugu.
- Design and Construction of Concrete Pavement Work around Accounts Building at UNTH Ituku Ozalla Enugu.

2009 – 2012:

**W. IBE & BROS (NIG) LTD**

Principal Project Civil Engineer with W. Ibe & Bros (Nig) Ltd, EPC Constructors 22/28 Umuleri Street Uwani Enugu, Enugu State. Lot D – EPC/ENI/13 Enugu Distribution Zone. Design and Construction of Structural Works for 7.5 MVA 33/11KV Injector Substation for National Integrated Power Projects (NIPP) at Nine Locations in Enugu/Ebonyi States.

**1999 TO 2009:** Established a Consultancy/Construction Limited Liability Firm (CHURCHILL ENGINEERING LTD AND CHURCHILL CONSULTANT INC.) Based in Enugu.

A number of projects accomplished to date include:

1. Feasibility Studies and Bill of Qualities for the proposed Onyeoma Hotels at KWALE, Delta State, Nigeria.
2. Structural Design and Construction of Victoria Gardens Hotel Complex at Enugu, Nigeria (N25M) (Ye 1999/2000 PHASE I & II).
3. Detailed Investigation and Rehabilitation of OBA WATER Supply Scheme Anambra State, Nigeria (N10M) (Yr. 1997/98)

4. Construction and Project Management of Multi Storey Residential Building at Onitsha, Nigeria (N10M) (Yr. 1988).
5. FMWE ABUJA Consultancy Services for the Anambra North Senatorial Zone Water supply Projects at 15 locations AIRBDA Owerri 2002 (N288.2 Million).
6. Construction of Pine Crest School Complex at Enugu. (N95 Million) (Yr. 2002 Phase I)
7. Construction of several residential/Commercial structures
8. Completion Works to Good Shepherd Seminary School at Enugu N47.85M (Yr. 2002/03)
9. Design/Construction a 3-Story GRADENIA HOTEL, extension at Enugu 2004 (N30 Million) Ogui Road, Enugu.
10. Construction (On-going) Assemblies of God Cathedral Church at New Haven, Enugu (N155 Million) Yr. 2004.
11. Private Sector Participant in conjunction with ENUGU STATE WASTE MANAGEMENT AUTHORITY (ESWAMA) in solid waste management project at New Haven, Enugu. (N2 Million) (Yr. 2004)
12. RE-Design & Construction of (Phase 1) Enugu Diocesan Good Shepherd Specialist Hospital Uwani, Enugu valued N65M. Yr. 2007
13. Project supervision of a Residential Duplex covering 160m<sup>2</sup> area complex for Engr. Sir. AB Emeasoba at Ozubulu Ekwusigo LGA Anambra State (yr, 2009, under construction) valued N45M.
14. Project supervision of a Residential Duplex covering 145m<sup>2</sup> area complex for Mr. Augustus Emeka Emesoba at Ozubulu Ekwusigo LGA Anambra State (Yr. 2009 under construction) valued No. 3M.
15. Renovation works at Enugu Cheshire Home Hostels (Female) for project management works. (Yr 2009) under construction) valued N8.65M.
16. Design/Project Supervision and Management of two Residential Duplexes at Oba, Idemili South LGA Anambra State. (Yr 2007/09) valued N1.22M.

17. Several Structural Design Works/Project supervision in Consortium with Camp Partnership Enugu.
18. United State Manufactures Representative in Nigeria, in conjunction with Dozie Ilozer Associates for the importation and distribution of shingles roofing sheets.
19. Manufactures of industrial ice blocks located at Trans-Ekulu Enugu.
20. Project supervision and management of Holy Innocent Jurniorate, Nkpor Multi Purpose Office Company with basement floor, (Yr 2009) valued N10M.
21. Sub-structural construction works and project supervision of prototype modular home stands for Emenite Nig. Ltd Emene Enugu (Yr 2009) valued No. 1M.
22. Design and Construction of 24 Metre High Belfry Tower at St. Peters (ANG) Church, Oba Idemili South L.G.A EST. valued N5.8M. (Yr 2009).
23. Construction of Palace Complex for Okey Okoronkwo at OVIM Isikwuato LGA Abia State. Valued N80M. (Yr, 2008).
24. Design & Construction of Phase I Hotel Complex for Brifina Guest House Ltd GRA, Enugu EST. valued: N48M. (Yr 2004/05).
25. Construction of Corporate Headquarter Office Complex for Jukok Intl, Ltd, Enugu Est. valued: N48.6M (Yr. 2008/09)
26. Design and Construction of various underground reinforces concrete water reservoirs for Hotels/Private Organizations.
27. Re: Design & Construction of St. Mark's pro-Cathedral Church, Emene, Enugu. Valued: N125M (Yr. 2009)
28. Construction of Corporate Headquarters for Betchetel Nig. Ltd. Independence Layout Enugu. Valued: N15.66M (Yr. 2002/03)

**1988 TO 1999: ENPLANE GROUP** – Consulting Engineers & Planners joined the Enplan Group, Consulting Engineers and Planners in 1988 as a Resident Engineer and have undertaken various projects during the period. Promoted to Senior Civil Engineer in 1990 and Chief Engineer in 1998.

### **Some of the Key Projects Undertaken include:**

1. Detailed design of sheet pile wall for Ekulama II outstation Modular accommodation project for Shell Petroleum Development Company (SPDC) Eastern Division at Port Harcourt, Rivers State, Nigeria.
2. Project Management Inspection and Service (PMI/S) on sub-soil Investigation works on 4 No. Flow stations (ODIDI – I & II, FORCADOS TERMINAL, BATAN) for AGG Booster Stations, and SPDC airstrip at Osubi for SPDC Western Division at WARRI Delta State Nigeria.
3. Structural integrity checks for the installation of Telecom shelters on II No. Flow stations for SPDC – Eastern Division Port Harcourt Nigeria.
4. Structural integrity checks on 7 No. Access bridges for SPDC, Port Harcourt Nigeria.
5. Foundation Design for gas intake metering skid at Oguru SPDC – Western Div WARRI Nigeria.
6. Investigation of alleged Structural Damages to property at Kidney Island PSDC – Eastern Div. Port Harcourt Nigeria.
7. Integrity Checks and modification of six classroom blocks at Opobo & Nembe for SPDC Eastern Div. Port Harcourt Nigeria.
8. Redesign for the conversion for Bony Terminal Junior Staff quarters to Guest Chalets for SPDC – Eastern Div. Port Harcourt Nigeria.
9. Design Supervision of Civil/structural Works for Women Commission Complex (FSP) Awka Civic Centre for Anambra State Government Nigeria.
10. Study and redesign of erosion and flood control works at Nkissi Intake Works Onitsha for Anambra State Government.
11. Design/Supervision of erosion control measures at Isiekensi, Uga, Obollo Afor and Enugu-Ukwu TGowns for Anambra /Imo River Basin Development Authority (AIRBDA).
12. Design of Water Supply Network for Federal Government College, Owerri for SPDC concerned parents.

13. Design of Phase I roads and drainage networks at Permanent Site Nnamdi Azikiwe University Awka, Nigeria.
14. Design of INNER Northern High way (FCT 110) for Federal capital Territory Development Authority (FCDA) Abuja for Federal Government of Nigeria.
15. Re-evaluation of water reticulation for Gboko-Yandev Water Supply Scheme, Benue State Government Nigeria.
16. Feasibility Studies on River Bank erosion along River Nun, Nigeria.
17. Feasibility Studies of erosion menae in the entire Nnewi North & South Local Government Area of Anambra State.
18. Detailed design & supervision of Igwu Irrigation Scheme at Ndiojingwo Town Abia State Nigeria (500ha) Client: AIRABDA).
19. Design of Irrigation/drainage network at Onion-Nnung Ndem near Eket for Cross River Basin Authority (500lm).
20. Construction, Supervision of Water Supply System for the (LAIP) Project Area.
21. Construction Supervision of the 3.3 ton/hr Capacity Rice Mill Complex, Mechanical Workshop. Tailrace section of earth filled-dam and basic training facilities centre at LAIP.

#### **1986 – 1988: AQUATIC FOODS/CONSTRUCTION COMPANY**

Joined as Project Engineer at Onitsha and undertook the following works.

1. Design and Supervision of the fish-net factory (Portal Frame Structure) at Onitsha Nigeria.
2. Design and Project Supervision of Staff Residential Quarters (for expatriates) at Onitsha.

#### **1984 – 1986: GREHILL ENGINEERING ASSOCIATES**

Joined the Company as site/Pupil Civil Engineer and participated actively in the general construction activities.



## **LANGUAGE CAPACITY**

**English:** Speaking: Excellent  
Reading: Excellent  
Writing: Excellent

**Igbo:** Speaking: Excellent  
Reading: Excellent  
Writing: Excellent

**Swimming Proficiency:** Certified Swimmer  
**Driving proficiency:** Certified Driver

## **Engr. P. A. Chiejina, FNSE, FNICE**

### **OFFICE:**

PICCOL NIG. LTD.  
13 EKIOMADO ST.  
OFF 4 S&T ROAD, USELU.  
P.O. BOX 6392.  
BENINI CITY.  
PHONE 052-600775  
08023123590.

### **HOME:**

3 EBAGHELI ST.  
OFF REUBEN AGHO AVENUE  
OFF GAPIONA AVENUE, GRA  
BENIN CITY.  
PHONE 052-250714  
08033123694

# The Nigerian Society of Engineers



000798

This is to certify that


Ochuba, Churchill Nnamdi

having satisfied the conditions laid down in the Society's  
Memorandum and Articles of Association  
is hereby elected a

**Member**

of the Society and is fully entitled to all the privileges  
granted therein

Member

  
*J. S. Fomah*  
President

14-7- 1991 No 04790

*Ch. S. Anya*  
Secretary



BY THE AUTHORITY OF THE COUNCIL AND THE SENATE OF  
THE UNIVERSITY OF NIGERIA

Be It Known That

*Churchill Nnamdi Okeuba*

Is admitted to the Degree of Bachelor of Engineering  
in *Civil Engineering*  
with Second Class Honours (Lower Division).

And with all the rights, privileges and immunities  
appertaining thereto, in consideration of the satisfactory  
completion in *June 1983* of the studies and  
requirements as prescribed by the University.

In testimony whereof, we have caused our signatures and  
the common seal of the University to be affixed hereto, as  
provided by the University of Nigeria Law.

Given at Nsukka, Nigeria this *17th* day of *December*  
Nineteen Hundred and *Eighty-Three*

  
VICE-CHANCELLOR

  
REGISTRAR



ESTABLISHED BY ENGINEERS (REGISTRATION ETC) DECREE 55 OF 1970

# The Council of Registered Engineers of Nigeria

This is to certify that

Churchill Anamdi Ochuba

has been duly Registered by  
the Council of Registered Engineers of Nigeria,  
and is hereby authorised to practise the engineering  
profession within the Federal Republic of Nigeria as

Civil Engineer (R.4929)

and to use the designation

ENGR.

Dated 6<sup>th</sup> day of July 19 92

REGISTRAR

*M. J. O. O.*

PRESIDENT

*M. O. O.*



This certificate is the property of the Council and it is valid only for so long as the holder's name remains on the Register of Engineers.

RC NO. 160,833



**CORPORATE AFFAIRS COMMISSION**  
**FEDERAL REPUBLIC OF NIGERIA**

**Certificate of Incorporation**  
*I hereby certify that*

*is this day incorporated under the*  
**COMPANIES ACT 1968**  
and that the company is Limited.

Given under my hand at Abuja this Friday, December 28,  
1990

Fees and Deed Stamps: =N= 211.00K

Stamp Duty on Capital =N= 750.00K

*Certified True Copy*

SIGN: BELLO MAJIMU

18 November 2008  
Companies Registrar Officer  
Corporate Affairs Commission

(SGD) UMAR S. BIN-ISA

*Registrar-General*



# **KEMAT** **ENGINEERS**

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Independence Layout,  
Enugu, Nigeria.

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Email: [info@kematengineers.com](mailto:info@kematengineers.com),

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