

AWUA, JUSTIN TARKA

C/o Mr. Gundu Aondofa
Department of Physics
Federal University Agriculture , Makurdi
Benue State

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CAREER OBJECTIVE

To contribute my very best in maintaining and enhancing corporate policies and achievement of milestone organizational goals and to be a key player in all proactive processes of setting and achieving of targets in line with organizational standard for global economic excellence.

SKILLS

Good leadership Capacity.
Ability to manage business and people with adequate precision
Good communication skill
High level of integrity and discipline
Proficiency in the use of Microsoft Word, Excel and PowerPoint

EMPLOYMENT HISTORY

Federal University of Agriculture Makurdi,
Department of Mechanical Engineering
Post: Lecturer II

2012 – Till Date

Knight Frank

Position Held: Plant and Machinery Valuer/Analyst

2009- 2012

Duties: - Inspection and valuation of client's plant and machinery of all kinds (which includes high capacity Electric power generating plant, factory production plant, services plant and motor vehicles
- Physical and technical verification of plant and Machinery based on maintenance culture
- Analysis of maintenance schedule, operation procedures and purchase documents of machineries
- Inventory collection of plant and machinery, motor vehicles office equipment, furniture and fittings
- Inspection of all corrective and preventive maintenance records of plant and machinery
- Analysis and quality verification of the working principles of all types of plant and machineries.
- Valuation of all types of plant and machinery based on open market value and forced sale values
- Preparation of inventory schedule for all types of plant and machinery
- Preparation of report on the basis of valuation using invoices, shipping documents and custom duties
- Sourcing for current market value of plant and machinery, office equipment, furniture and fittings.
- Analysis of fleet maintenance procedures and processes in client's company

Achievements/Accomplishments: Inspected and valued the plant and machinery assets of the following:

- Nigeria Bottling Company (NBC) Lagos and Port-Harcourt
- M.R.S Oil and Gas Jetty in Apapa Tincan Island Lagos
- BUA Flour Mills Apapa Lagos
- Globe Spinning Industry Lagos
- ORC Fish Processing Company (CHIVITA GROUP), Lagos.
- Vitamalt PLC Agbara Estate Lagos.
- Union Forest Calabar, Cross River State

- BUA Sugar Refinery Apapa Lagos
- Edo Cement Okpella Edo State
- Unique Pharmaceuticals, Otta, Ogun State
- Ugor- Bas Construction Company Lagos
- Netcom Africa Telecommunication Lagos
- Seplat Petroleum Development Company (Flowstations and Gas Plants) Delta State.
- Allied Atlantic Distilleries Sango Otta, Ogun State
- MRS filling stations nation wide

ZEBRA TECHNICAL SERVICES LIMITED

2007 - 2009

Position held: Regulatory Compliance/Project Services Support

(with Shell Nigeria Exploration and Production Company)

- Duties:**
- management of **Bonga North West** Project compliance register/database
 - Timely commencement of permits and consents acquisition process
 - Following up with regulators to ensure timely approvals of projects permits and consents
 - Liaison with regulatory agencies unbehalf of **SNEPCo Bonga North West** project
 - Providing weekly status report to the Bonga North West Project team.
 - Maintaining secure custody for all received permits and consents documents
 - Supporting **Bonga North West** as ECMT administrator/superuser
 - Updating the **SNEPCO Bonga North West** ECMT with new laws/guidance so that compliance strategy is based on current requirement.
 - Assisting the project team in demonstrating compliance due diligence to regulators
 - Conducting Training for Bonga Northwest project team members on the use of the ECMT
 - Liaising with external regulatory agencies on permits and consents matters
 - Assisted in the Development of project master schedule for Bonga northwest
 - Assisted in project planning and analysis of contractual documents
 - Assisted in the development of new project ideas and time saving strategies in liaison with external regulators

Achievements/Accomplishments

1. Closed out the following milestone approvals on **OML-118 & OPL-212 (Bonga Northwest project)**
 - Approval for Field Development Plan from **DPR**
 - Approval for Conceptual design
 - Approval for Initial, Draft and Final Environmental Impact Assessment from **DPR** and **FMEnv.**
 - Permit To Survey pipeline route from **DPR** and **NPA**
2. Developed a compliance strategy for detailed design of Bonga Northwest project surface facility
3. Developed an engagement strategy for strengthening regulatory compliance stakeholder relations
4. Conducted training on a web based regulatory compliance software for Bonga Northwest project team members
5. Facilitated the adequate representation of external regulators in all Subsea, Topsides and Umbilical Hazops
6. Prepared a compliance matrix capturing all regulatory compliance project activities on the project
7. Cross linked all regulatory compliance project items with their individual applicable regulations.
8. Facilitated the design, construction and management of the **DPR** Compliance Monitoring system
9. Facilitated the design and development of the **NNRA** oil and gas regulatory compliance system

RELIANCE GLOBAL TRENDS INVESTMENTS LTD	2007
Position held – Technical Manager	
Duties: specification Design, Editing and Certification of graphics (using coral draw package) Writing, submitting and pursuant of proposal for approval General maintenance of Universal Laser engraving machine Supervision of workers in the technical department Assembling and customization of materials to recommended standard	
FAB TECH. NIG. LTD.	2006
Position held – Technical Supervisor	
Duties: Supervision of supply, installation, certification and commissioning of generators Fabrication of industrial shear butter buckets and decanters. Maintainance of diesel powered electric generating plants of all capacities Maintenance and repairs of company vehicles.	
ST. JOSEPH’S SCIENCE AND TECHNICAL COLLEGE MAKURDI	2005
Position held – SS2&SS3 Physics Tutor	
Duties: Taught full syllable in Physics	
FEDERAL UNIVERSITY OF TECHNOLOGY, YOLA (NYSC)	2004
Position Held - Graduate Assistant Lecturer	
Duties: Taught applied mechanics and Engineering Drawing	
NIGERIA BOTTLING COMPANY (NBC) MAKURDI	2001
Position held – Technical Maintenance Assistant(SIWES)	
Duties: Supervision of workers on production line General maintenance of the washer and the filler machines Generator Maintenance	
NIGERIAN NATIONAL PETROLUEM CORPORATION (NNPC) ABUJA. (SIWES)	2001
Position Held – Technical Maintenance Assistant	
Duties: Maintenance of central air conditioning system	
EDUCATION HISTORY	
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Federal University of Agriculture Makurdi, Benue State M.Eng. Mechanical Engineering(Energy Studies)	2013 - 2016
First Class Computer Training Centre, Jimeta – Yola. Certificate in Computer Appreciation.	2003 – 2004
Federal University of Agriculture, Markudi, Benue State. B.Eng. Mechanical Engineering (Second Class Honours Upper Division)	1997 -2003
Mount Saint Gabriel’s Secondary School, Markudi Benue State. SSCE	1991 – 1995
Army Children Primary School, Bukavu Barracks, Kano State. FSLC	1986 – 1991

PERSONAL PROFILE

Date of Birth:	-	28 th August 1978
Marital Status:	-	Married
State of Origin	-	Benue State
Local Government Area	-	Gwer West
Sex:	-	Male

TRAINING ATTENDED/ PROFESSIONAL QUALIFICATION ACQUIRED

- **BASIC HUMAN RESOURCES MANAGEMENT PROGRAMME**
- **BASIC PUBLIC RELATIONS PROGRAMME**
- **REGISTERED MEMBER, COUNCIL FOR THE REGULATION OF ENGINEERING IN NIGERIA (COREN)**

UNIVERSITY TEACHING EXPERIENCE

Courses Taught to date

Energy Conversion

Heat Transfer

Fluid Mechanics

PUBLICATIONS WITH DATES

Dissertation and Theses

Justin T. Awua and Emmanuel Oko. Effect of Partially Substituting Cattle Dung with Piggery Manure on Biogas Generation. Bachelor of Science Degree project. Department of Mechanical Engineering, Federal University of Agriculture, Makurdi.

Awua Justin T. Determination of Thermophysical Properties of Nanofluid Prepared from Palm Kernel Fibre Nanoparticles. M.Eng Thesis. Federal University of Agriculture, Makurdi.

Journal Papers

1. **Justin Awua, Sunday Ibrahim and Aondona Kwaghger, (2017).** Investigation of Thermal Conductivity of Palm Kernel Fibre Nanofluid Using De-Ionized Water and Ethylene Glycol Mixed at Ratio of 50:50 and 60:40. *International Journal of Engineering Trends and Technology (IJETT)* – Volume 49 Number 1.

2. Alex Okibe Edeoja and **Justin Awua Tarka, (2018)**. Effect of Penstock Diameter of a Simple Pico Hydro System on Shaft Power. *Elixir International Journal*. Elixir Mech. Engg. 118 50611, 50610-50622. www.elixirpublishers.com.
3. Edeoja, Alex Okibe and **Awua, Justin**. (2018). Shaft Power of a Simple Pico Hydropower System as A Function of The Flow Rate and Net Head Product. *International Journal of Engineering Technology Research & Management, Vol (02) _Issue (03)*. (<http://ijetrm.com/>).
4. Enhanced Thermal Conductivity of Nanofluid Prepared from Banana Stem Fibre Nanoparticles for use in cooling systems.

Conference Proceedings

1. **Awua, J.T.**, Ibrahim J.S., Edeoja, A. (2016). Investigation of the Thermal Conductivity of Nanofluid prepared from Palm Kernel Fibre Nanoparticles using De-ionized Water and Ethylene Glycol (60:40) as Base Fluid. Nano Research Group (NRG), University of Nsukka, Enugu State, Nigeria.
2. **J.T.Awua**, J.S. Ibrahim, A. Kwagher, M. Sharipur and J.P. Meyer, (2016). Investigation into Thermal Conductivity of Palm Kernel Fibre Nanofluid with Mixture of Ethylene Glycol and Water as Base Fluid. 12th International Conference on Heat Transfer, Fluid Mechanics and Thermodynamics (HEFAT 2016) in Malaga, Spain from 11th to 13th .

REFEREES

Engr. Dr. Humphrey Iortyer

Department of Mechanical Engineering
Federal University Of Agriculture Makurdi
Benue State.

☎ **07063703494, 08125047510**

Mr. Gabriel Waka

Foreman Machine Shop
Dantata and Sawoe Construction Company
Abuja.

☎ **08064648881**

Mr. Elizabeth Jeiyol

Executive Director
Gender and Environmental Risk Reduction Initiative(GERI)
Makurdi
Benue State

☎ **07081431967**