

Engr Moses Iyenoma Igbinosa

Nationality: Nigerian (Nigeria)

(+234) 7035790549

(+234) 8058762839

Date of birth: 24/12/1988

Gender: Male

Email address: moses.igbins@gmail.com

Address: 4 Omachi Lane Off Elijiji road, Woji, 500102 Woji, Port Harcourt (Nigeria)

ABOUT ME

9+ years in Electrical Power Systems Design, Modelling & Analysis and Planning in the Oil and Gas Industry

DIGITAL SKILLS

Electrical Engineering Software Skills

Microsoft Excel / Chalmlite Software Application / AutoCAD (Professional Proficiency) / ETAP | Electrical Power System Analysis Software / Microsoft Powerpoint / Microsoft Visio & Microsoft Project / Primavera p6 / Autocad Eletrical / SKM / DIALux evo / Aveva / Microsoft Word

Leadership/Interpersonal Skills

Organizational and planning skills / Critical thinking / Project Reporting / Decision-making / Team Player/Team Leader / Planning & Scheduling / Efficient multitasking skills

WORK EXPERIENCE

Electrical Engineer/ Company Site Supervisor

Amecron Nigeria Ltd [01/08/2018 – Current]

City: Port Harcourt

Country: Nigeria

Preparing Electrical Detailed & As-Built Engineering Designs for new constructions and upgrade of existing SPDC facilities involving generating of deliverables like:
Electrical Single Line Diagrams
Lighting and Small Power design and
Earthing Philosophy and layout Drawings
Electrical Load Sizing Calculations Report
Earthing and Lightning Design and
Cable Sizing Report and Cable Route
Electrical Load List
Electrical Bill of Quantities / MTO

Other Tasks include:
Electrical Project planning and execution of new-build & upgrade of existing SPDC Field Logistics Base facilities.
Generation of Work Method Statement and Work Breakdown Structure (WBS)
Preparation of Work scope
Project scheduling with resources
Project costing
Project Monitoring and Evaluation and Quality Assurance
Management of Change (MoC) documentations and processes
Supervision of Electrical Construction and upgrade works.

Technical Manager

Geo-Lind Nigeria Limited [10/06/2017 – 01/08/2018]

City: Port Harcourt
Country: Nigeria

Generating Electrical Design Deliverables such as:
Electrical Power System & Control Single Line diagrams and wiring/interconnection diagrams.

Calculations and selections of HV / LV switchgear, HV / LV Cables, lighting, MCC, AC / DC UPS, Power/distribution transformers etc.

Preparation of design basis, project specification, datasheets etc.

AutoCAD Layout Drawings of transformer, Switchgear / MCC rooms, Battery room, Cable tray/trench, Earthing/ Lightning, Cable routing, (indoor/outdoor) Lighting etc.

Preparation of project data, requisition & specifications for switchgears, Motor Control Centre, motors, power/ distribution transformers, lighting / small power distribution boards, lighting fixtures, cables, cable trays, earthing materials, etc.

Preparation of Spreadsheet Schedules like Load Schedule,

Generator / Transformer Loading Schedule, Cable schedules, Distribution Board Schedules.

Electrical Equipment lists & BoQ.

Standard installation drawings for the power system, earthing system, lighting system, Underground & above ground cables, cable trays/ladders etc.

Other Tasks:
Carried out technical inspections, commissioning and testing on electric motors, transformers, alternators and other electric machines.
Tests like:
• Dielectric loss angle (DLA)

• Vector Group

• No Load (Magnetizing) current test

• IR test (insulation resistance test)

• BDV test for oil, Winding resistance

• Voltage Ratio test as per tap

• Turn ratio test as per tap

• Short circuit tests using equipment like Omicron CPC 100, Omicron CP TD1, Insulation Resistance Meter etc.

• Supervised workshop operations like overhauling/rewinding of electric motors, transformers and alternators.

• Prepared technical reports and documentation.

• Prepared Technical method statements package for contracts

Electrical Design Engineer

POINT Engineering Limited [24/03/2014 – 07/06/2017]

City: Port Harcourt
Country: Nigeria

SOME PROJECTS HANDLED
Project Title: Oshie Flowstation Flaredown FEED Project
Client: Nigerian Agip Oil Company Ltd (NAOC Eni)

Project Title: Flowstation Metering System Modification Design
Client: Nigerian Petroleum Dev. Company Ltd / Milat Nigeria Ltd.

Project Title: Medium Voltage Power Hook-up for New PHC Clinic
Client: TOTAL Exploration and Production Nigeria Limited

Project Title: Buffer Storage Tank Engineering Design
Client: SEPLAT Petroleum Development Company / Obax Ltd.

Project Title: UPS Battery Installation Design Project
Client: Shell Petroleum Development Company.

Some Deliverables/Tasks:
• Preparation of design basis and project specification
• Preparation of Electrical Equipment lists and data sheets
• Load flow studies (Voltage Drop and Short Circuit Calculations)
• Lighting and Small power design calculations
• Preparation of project Material Take Off (MTO)
• Selection of HV / LV switchgear, UPS, transformers, feeder, motor & transformer
• Electrical Equipment Layouts
• Lighting (indoor / outdoor) and Lightning protection layouts
• Power and control cable schedules
• Interface activities with civil / machinery / instrumentation
• Coordination with civil for electrical equipment foundation
• Electrical data input for packaged equipment
• Bill of quantities for bulk materials
• Standard installation drawings for power system, earthing system, lighting system and cable tray/ladders.

Trainee Electrical Engineer

EPCM ENGINEERS Limited [01/10/2012 – 20/03/2014]

City: Lagos
Country: Nigeria

Engineering Design / Oil and Gas Services:
• Preparing Electrical Basis of Design

• Sizing of electrical equipment like cables, protective devices etc.

• Design and AutoCAD drafting of Electrical Single Line Diagrams

• Design and AutoCAD drafting of electrical equipment layout

• Preparing Lighting, Earthing & Lightning Design Calculations and Layout

• Preparing Electrical Load List

• Preparing Electrical Equipment Datasheets

• Preparing Electrical Equipment Technical Specifications

EDUCATION AND TRAINING

Master of Engineering (M.Eng)
University of Port Harcourt [03/03/2021 – Current]

Address: University of Port Harcourt Choba campus, 50020 Port Harcourt (Nigeria)
https://www.uniport.edu.ng/

Bachelor of Engineering (B.Eng)
University of Benin [15/12/2005 – 27/11/2011]

Address: University of Benin, Ugbowo Campus, 300283 Benin City (Nigeria)
https://waeup.uniben.edu/
Field(s) of study: Electrical Electronic Engineering
Final grade : 4.288/5.000

Competent Person Scaffold Inspector Training
Scaffold Training Institute [14/06/2021 – 18/06/2021]

Address: 311 East Walker, League City, 77573 Texas (United States)
scaffoldtraining.com/

Project Management Professional (35 Contact Hours)
Ceil Consulting [15/06/2020 – 19/06/2020]

Address: No 21 Oilfield Avenue off school road Elelenwo, 500211 Port Harcourt (Nigeria)

Engineer Certification
Council for the Regulation of Engineering in Nigeria [15/03/2018 – 12/06/2018]

Address: 22 Addis Ababa Crescent Wuse Zone 4, Wuse, Abuja., 900284 Abuja (Nigeria)
https://portal.coren.gov.ng

Etap Software Training
CEIL Consulting [20/07/2014 – 20/08/2014]

Address: No 21 Oilfield Avenue off school road, Elelenwo, 500211 Port Harcourt (Nigeria)

Chattered Manager Certification
Nigerian Institute of Management [01/04/2012 – 10/09/2012]

Address: Plot 22, Idowu Taylor Street Victoria Island, Lagos, Lagos (Nigeria)
nim.ng

SPDC Job Hazard Analysis, Permit to Work and E-Vision Training
Shell Petroleum Development Company

Address: SPDC IA, Rumuomasi, 500102 Port Harcourt (Nigeria)
www.shell.com.ng

ACHIEVEMENT

Electrical Engineering Trainer

For 6+ years, I have been trained Electrical Engineers (Youth Corpers, Graduates and Experienced) in some very relevant electrical software applications which include ETAP, Chalmlite, Dialux, AutoCAD (Electrical) etc. With my experience both from the design and construction fields, I also conduct an Electrical Power Systems & Control Design Training Program and technical project report writing for electrical engineering trainees