FINEBONE, ABINYE GIFT

e-mail: reachabinye@yahoo.com **|LinkedIn:** Abinye Finebone **| Phone Numbers**: +2348184459600

PROFILE

I am a holder of a bachelor's degree in Mechanical Engineering, a Shell assessed and certified Rotating Equipment Engineering Technical Authority (TA3), and a charted Mechanical Engineer licensed by the Council for the Regulation of Engineering in Nigeria (COREN) with 10years post-graduate experience within the Oil & Gas industry.

Over the past 9 years, I have effectively functioned as a Rotating Equipment engineer within the Project and Engineering function of the Shell Petroleum Development Company of Nigeria and this has resulted in engineering experiences spanning Front End Engineering Design, Detailed Engineering Design, Construction, installation, equipment control, and safeguarding, pre-commissioning/commissioning, and start-up, repair/overhaul support, and Piping Engineering.

I possess excellent interpersonal and communications skills and the ability to work with diverse stakeholders to deliver set goals with a mindset for integrated delivery and continuous improvement

SKILLS

1. Rotating Equipment Design Standard Application
2. Rotating Equipment Design (Front End and Detailed Engineering Design)
3. Rotating Equipment Control, Condition Monitoring, and Safeguarding
4. Rotating Equipment Design (Front End and Detailed Engineering Design)
5. Rotating Equipment Construction and installation
6. Rotating Equipment Repair and Overhaul.
7. Peer (Design, Value Assurance) Reviews and Checks
8. Rotating Equipment Testing (Factory Acceptance – FAT and Site Acceptance – SAT)
9. Rotating Equipment Pre-commissioning/Commissioning and Start-up
10. Piping Engineering
11. Project Management

WORK EXPERIENCE

Shell Petroleum Development Company of Nigeria, Port Harcourt, Nigeria **Jan. 2022 – Present**

Senior Rotating Equipment Engineer (DOMGAS, Forcados Yokri Integrated Project and Terminals Project)

I am currently the Senior Rotating Equipment engineer supporting the Domestic Gas (DOMGAS), Forcados Yokri Integrated Project (FYIP), and Terminals Projects (a portfolio responsible for the delivery of a suite of brownfield projects). I also function as the team's Management of Change coordinator ensuring technical changes are managed safely and within project cost/schedule while delivering on project milestone promises. Major highlights of my contribution to the team as the rotating equipment engineer include

Domestic Gas (DOMGAS) Project

- Functioning as both Rotating Equipment Engineer and engineering focal point for the conversion of plant instrument and utility gas system to instrument and utility air at the Escravos Gas Station
- Provided rotating equipment and piping specialist support for the review and assurance of project deliverables such as Piping & Instrumentation Diagram, Specifications, datasheets, Equipment Sizing, General arrangement Drawings, etc.
- Developed the Basis for Design (scope of work) for the project
- Provided rotating equipment and piping specialist support for project safety studies/workshops (HAZOP, and HAZID)
- Collaborated with Project Services to review/challenged design contractor project CTR(Cost-Time-Resource) and secured a 20% cost reduction

Forcados Yokri Integrated Project

- I am the Rotating Equipment Engineer supporting the commissioning and start-up of the Southbank Booster Compressor (2 Process stage Neuman & Esser electric motor reciprocating compressor – 650KW)
- Reviewed and approved alternative lube oil selection and developed lube oil flushing procedure as part of compressor pre-commissioning activities

FINEBONE, ABINYE GIFT
e-mail: reachabinye@yahoo.com | LinkedIn: Abinye Finebone | Phone Numbers: +2348184459600

- Collaborated with the Instrumentation engineering discipline to revalidate and update the compressor Cause and Effect Register
- Developed condition monitoring requirements for the compressor package.
- Investigated/troubleshoot overheating of compressor package jacket water pump motor and sized and developed datasheet for replacement jacket water pump unit.

Shell Petroleum Development Company of Nigeria, Port Harcourt, Nigeria **Aug. 2019 – Jan 2022**
Rotating Equipment Engineer (DOMGAS, Forcados Yokri Integrated Project and Terminals Project)

I functioned as the Rotating Equipment engineer for the Domestic Gas (DOMGAS), Forcados Yokri Integrated Project (FYIP), and Terminals Projects (a portfolio responsible for the delivery of a suite of brownfield projects). In addition to being the project rotating equipment engineer, I also functioned as the team's Management of Change coordinator, ensuring technical changes are managed safely and within project cost/schedule while delivering on project milestone promises. In my role as the rotating equipment engineer on this project, my key contributions include

Domestic Gas (DOMGAS) Project

- I functioned as both the project engineer and mechanical engineer for the delivery of the Agbada NAG Alternative Instrument Air Compressor. Thus, driving the project delivery of key engineering deliverables, safety studies/workshops (HAZOP), and management of change (whilst hand-holding the contractor to deliver)
- As the project engineer for the Agbada NAG Alternative Instrument Air Compressor project, I was responsible for reviewing/challenging the design/installation contractor project CTR(Cost-Time-Resource) and securing its approval
- I provided expediated rotating equipment and piping review and assurance of all mechanical deliverables for both the Agbada NAG project and the Agbada NAG Alternative Instrument Air Compressor project
- Managed the Factory Acceptance Testing of the Agbada NAG project generator (2nos Gas engine generators – 1.5MWe CAT G3516C and 1nos Diesel engine generator – 0.5MWe CAT C15)
- Developed the Basis for Design (scope of work) for the Agbada NAG Alternative Instrument Air Compressor
- Provided rotating equipment input for the Scope of work for the Invitation to Tender (ITT) and carried out technical bid evaluation on contractor submission for the Community Electrification Interdependency Project (CEIP)
- Reviewed and assured all rotating equipment vendor deliverables for the supply of 2 nos 3.3MWe CAT CG260-12 gas engine generators and electrical sub-station HVAC design and General Arrangement Drawing for the Community Electrification Interdependency Project (CEIP)
- As a demonstration of my enterprise first attribute, I provided rotating equipment technical support to the Concept team for the delivery of key project maturation milestones for the FREEZO project. This included the sizing of all major rotating equipment (i.e., 2 x 50% 200 MMscfd electric motor driven centrifugal compressors, and 2 x 100% 20 Kbbls/day BB3 Condensate export pumps) and the development of the Rotating Equipment Type Selection Report

Forcados Yokri Integrated Project

- Provided rotating equipment technical support for the start-up of Northbank Associated Gas Compressor Train A (Solar Mars-100 gas turbine-driven Siemens compressor – 10MW) and resolution of issues around the dry gas seal system. This was achieved via active engagement between me and the Original Equipment Manufacturer (OEM). Thus, bringing on stream a 40MMscfd.
- I carried out in-house design (development of datasheet) and vendor engagement for the replacement of the pump electric motors for Northbank CPF (Central Processing Facility) Flare-Knockout Drum.
- Developed Basis for Design (i.e., engineering scope of work) for the Installation of a Firewater and Potable water supply system for the Northbank Field Accommodation in line with relevant standards and company Accommodation and Welfare requirements

FINEBONE, ABINYE GIFT
e-mail: reachabinye@yahoo.com | LinkedIn: Abinye Finebone | Phone Numbers: +2348184459600

Shell Petroleum Development Company of Nigeria, Port Harcourt, Nigeria **Jun. 2015 - Aug. 2019**
Rotating Equipment Engineer (Southern Swamp Associated Gas Solutions (SSAGS) Project)

As the Rotating Equipment engineer supporting the SSAGS Project, a project aimed at eliminating routine gas flaring and the delivery of 160 MMscfd of gas to the Nigerian domestic gas network for power generation with a rotating equipment count of over 350 equipment. My responsibilities vary from design assurance, construction, equipment installation, and pre-commissioning/commissioning for which I was tasked with ensuring that all activities complied with relevant safety requirements, quality, and technical standards. Notable contributions to the delivery of this project include

- I led a team of 20 Mechanical Engineers (10 Company Site reps and 10 Quality engineers) for the construction and installation of all 372 rotating equipment which significantly contributed to the declaration of Ready for Start-up - RFSU across all project locations
- I was responsible for reviewing/assuring and securing approval/rejection for all mechanical (rotating equipment and piping) field change request
- Provided rotating equipment specialist support during the commissioning and start-up of all rotating equipment which was a major contributor to the achievement of 1st Gas for the project. Major equipment commissioned includes 4nos Solar gas turbine-driven Siemens centrifugal compressor (2nos Solar Mars-100 – 11.8MW and 2nos Solar Centaur-40 – 3.5MW), 3nos Solar Taurus-60 gas turbine generators – 5.5Mwe, 10nos Waukesha gas engine-driven Cameron Reciprocating compressors – 1.1MW, 9nos Atlas Copco Instrument compressors (Oil-free screw compressor), 5nos Howden Flooded-Screw compressors – 595KW, 11nos CAT G3616LE gas engine generators – 1Mwe and 4nos CAT 3516 Diesel engine generators – 1.5MWe (Black start & Emergency power generation)
- Co-ordinated engineering/commissioning and project management efforts for the design and supply of nitrogen as an alternative seal gas supply
- Responsible for witnessing the factory acceptance testing of the 15nos chemical injection package
- Supervised and witnessed the overhaul, installation, and commissioning of 2 of 3 Ogbotobo Flow-station export pumps (electric motor Flowserve BB3 pump – 250KW) after thereby contributing ca.15Kbbls/day
- Developed the scope of work and Request for Quotation (RFQ) and reviewed vendor technical quotation for the replacement of Ogbotobo flow station Diesel Transfer pumps and Closed-drain pumps

Shell Petroleum Development Company of Nigeria, Port Harcourt, Nigeria **Oct. 2014 – Jun. 2015**
Rotating Equipment Engineer (Forcados Yokri Integrated Project - FYIP)

I functioned as the Rotating Equipment engineer supporting the Forcados Yokri Integrated Project, a project which was framed to supply the Nigerian Domestic gas market with 230MMscfd of gas. I was responsible for the review (quality assurance) of all mechanical deliverables, ensuring all deliverables issued by the contractor were in line with Shell's technical requirements and adequately addressed the design intent. I also provided on-site technical support for the installation of the overhauled Associated Gas Gathering (AGG) centrifugal compressors units, enforcing compliance with Shell Technical and HSE standards and Project specifications

Shell Petroleum Development Company of Nigeria, Port Harcourt, Nigeria **Dec. 2012 – Oct. 2014**
Trainee Rotating Equipment Engineer (Shell Engineering Design Office - SEDO)

As a trainee rotating equipment engineer with the SEDO team, I was responsible for the development of rotating equipment design deliverables for several projects. Notably was the Detailed engineering design of an 18 Kbbls/day (electric motor driven Flowserve VS6 pump – 250KW) condensate pump for the Okoloma gas plant for which I sized and selected a suitable pump and developed the equipment datasheet and specification, carried out vendor engagement sessions, constructability review and participated in the equipment HAZOP. I was also the rotating equipment engineer for the Front-End Engineering Design for the Gbaran Nodal Compression Project, for which I was responsible for the sizing and selection of the 2x200 MMscfd compressor package (Siemens SGT-400 gas turbine-driven centrifugal compressor – 12MW)

First Name Last Name

e-mail: reachabinye@yahoo.com **|LinkedIn:** Abinye Finebone **| Phone Numbers**: +2348184459600

Mobil Producing Nigeria (MPN) Unlimited, Lagos, Nigeria. **Jan. 2012 – Nov. 2012**
Intern Facilities Engineer (Surveillance and Reliability Unit 3)

I performed my National Youth Service Corps (NYSC) program at Mobil Producing Nigeria Unlimited as a facilities engineering intern where I was responsible for carrying out facilities integrity checks to assess the impact of new wells to be brought onstream and report on the health status of critical rotating equipment (i.e., Compressors and Gas Turbines) and flare volumes relative to the approved limits

EDUCATION

Rivers State University of Science and Technology, Port Harcourt, Nigeria, **2004 - 2010**
Engineering | Major: Mechanical Engineering | Overall: 2:1 (Second Class Upper Division)

PROFESSIONAL ASSOCIATIONS/CERTIFICATION

1. Corporate Member, Nigeria Society of Engineers. (43035).
2. Registered Engineer with the Council for the Regulation of Engineering in Nigeria (COREN). (R57829)
3. Technical Authority (TA)3 Certification - Rotating Equipment Engineering
4. Project Management Qualification by Association for Project Management (APM)

PROFESSIONAL DEVELOPMENT (COURSES)

1. Essentials of Project Delivery – Shell/APM, May 2021
2. Operation and Maintenance of Cameron Superior Compressors (MH6) – Baker Hughes, August 2019
3. Operation and Maintenance of Waukesha Engines - Waukesha-Pearce Industries, August 2019
4. Siemens Compressor Operations and Maintenance – May 2015
5. Commissioning and Start-up (With API RP 1 FSC) – Nexus Alliance and Global Falcon, Oct. 2014.
6. Rotating Equipment Engineering Launchpad 1 to 3 – Shell, Oct. 2013
7. Balancing Theory and Vibration Analysis – Schenk, Sep. 2013
8. Centrifugal Compressor Performance and Testing - Elliot Compressor, Jun. 2013.
9. Machinery Diagnostics – GE Energy, Jun. 2013
10. Mechanical Seals and Coupling – John Crane, Mar. 2013

LANGUE & INTREST

Language: English (Fluent) and French (Conversational)
Interest: Chess, Reading, and Historical & Science/Technology Documentaries

REFEREE

1. Samuel Idio (Principal Rotating Equipment Engineer, Shell)
   e-mails: Samuel.idio@shell.com & samuel.idio@gmail.com **| Phone Number**: +2349090087043 & +2348070322048
2. Roy Allan (Principal Mechanical (Static) Engineer, Shell)
   e-mails: roy.r.allan@shell.com & royallan1@yahoo.com **| Phone Number**: +447900410732