

UZOMA CHIEMELA GOSPEL

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PROFILE SUMMARY

Highly skilled and results-driven Electrical Engineer with a proven track record of optimizing operations and equipment performance. Possesses a strong background in machine operation, maintenance engineering, data collection, and cooperative leadership. Adept at implementing innovative solutions to increase efficiency, reduce downtime, and enhance safety. Demonstrated expertise in resolving technical issues and ensuring seamless power transmission. Possess a Bachelor of Engineering (B.Eng) in Electrical/Electronics Engineering with a 2.1 from Michael Okpara University of Agriculture Umudike. Seeking to leverage technical prowess and problem-solving abilities to drive success and growth in a dynamic engineering environment.

CORE SKILLS AND COMPETENCIES

- ◆ Skilled in identifying and implementing energy-saving measures in the HDPE machine's operations, leading to a significant reduction in overall energy consumption.
- ◆ Highly competent in efficiently troubleshooting and rectifying faults in various heavy-duty machines.
- ◆ Proficient in implementing customized cavities in the High Density Polyethylene machine (HDPE), resulting in improved production efficiency and optimized machine performance.
- ◆ Ability to proactively identify and resolve issues in machinery, leading to substantial cost saving.
- ◆ Demonstrates expertise in identifying and resolving transient faults on communication lines, improving communication network stability, and minimizing downtime for consistent electricity supply.
- ◆ Proficient in facilitating the successful filtration of a 300 MVA power transformer, ensuring optimal performance and enhancing the efficiency of the power transmission system.
- ◆ Excellent listening, communication, multitasking, teamwork, leadership, time management, attention to details, emotional intelligence, analytical, and problem-solving abilities.
- ◆ Proficiency in computer: Matlab, Microsoft Word, Excel, and PowerPoint.

WORK EXPERIENCE

GRADUATE OPERATION TECHNICIAN. (OCT. 2023- DATE)

Enugu Electricity Distribution Company, Onitsha.

- * Reduce energy loss by looking out for illegal connection and meter bypass.
- * Maintaining an efficient power supply by carrying out preventive maintenance on the system.
- * Making sure that the load is balance across the phases by load shading the system

ELECTRICAL TRAINEE/MACHINE OPERATOR |JAN 2023 — OCT. 2023|

Krisoral Group of Companies, Onitsha.

- ◆ Increases production efficiency by implementing customized cavities in the High Density Polyethylene machine (HDPE) resulting in an improvement in production efficiency.
- ◆ Rectifies water leakages in the water lines, leading to a conservation of water.
- ◆ Reduce cavity temperature by 30°C by utilizing innovative cavity breeding techniques, resulting in a significant reduction in cavity hotness, optimizing the HDPE machine's performance.
- ◆ Extends gearbox lifespan by replacing bearings on the HDPE machine's gearbox, increasing its operational lifespan and minimizing downtime.
- ◆ Improves boiler unit safety by implementing enhanced safety protocols and maintenance strategies at the boiler unit, resulting in a reduction in incidents and accidents.
- ◆ Decreases energy consumption by implementing energy-saving measures in the HDPE machine's operations, leading to a reduction in overall energy consumption.
- ◆ Optimize the functionality of utility equipment and compressors for the cold rooms.
- ◆ Routine check and preventive maintenance of compressors

MAINTENANCE ENGINEER

|APR 2022 — OCT 2022|

AREAS OF EXPERTISE

Artificial Intelligence
Instrumentation and
Control System
Power Transformer
Filtration
Mean time to repair
(MTTR)
Energy-Saving Measures
Preventive maintenance
Equipment efficiency
Customized cavities
Strategic solutions
Fault identification
Cost management
Equipment uptime
Troubleshooting
Transient faults
Data collection
Electric Vehicle
Data Analysis
HDPE

TECHNICAL SKILLS

Microsoft Word
Microsoft Excel
PowerPoint
Matlab

Jpatel Construction Company, Dass.

- ◆ Reduced machine downtime by 30%: Efficiently troubleshooted and rectified faults in Rollers, Excavators, and other heavy-duty machines, leading to a 30% reduction in overall machine downtime.
- ◆ Achieved 95% equipment uptime: Collaborated with the team to establish a rapid response system for equipment breakdowns, resulting in an impressive 95% uptime for critical machinery.
- ◆ Improved mean time to repair (MTTR) by 40%: Implemented streamlined maintenance processes and effective problem-solving techniques, leading to a 40% reduction in mean time to repair, minimizing operational disruptions.
- ◆ Saved N4M in potential replacement costs: Proactively identified and resolved issues in machinery, preventing major breakdowns and saving the company an estimated N4M in potential replacement expenses.

LANGUAGE

English

ENUMERATOR

[JUN 2020 – DEC 2020]

Ministry of Agriculture, Abia State.

- ◆ Successfully collected comprehensive data from farmers in Ward 3, Isiala Ngwa South LGA, resulting in a database of valuable information on agricultural practices, land usage, and demographics.
- ◆ Utilized mapping techniques to accurately plot and document the farm lands of the farmers, providing crucial insights into the distribution and utilization of agricultural resources in the region.
- ◆ Demonstrated effective leadership and organizational skills in coordinating farmers to establish a cooperative, fostering collaboration and collective decision-making for mutual benefit.
- ◆ Facilitated the formation of the cooperative, which led to enhanced access to resources, knowledge sharing, and increased bargaining power for the farmers, ultimately improving their socio-economic conditions and agricultural productivity.

INDUSTRIAL TRAINEE

[APR 2018 – OCT 2018]

330/132V Transmission Company of Nigeria, Alaoji.

- ◆ Facilitated the successful filtration of a 300 MVA power transformer, ensuring its optimal performance and enhancing the efficiency of the power transmission system.
- ◆ Implemented a strategic solution to eliminate a critical hotspot on the red phase in the 132KV Aba substation, mitigating potential risks of equipment failure and ensuring the reliability of the substation.
- ◆ Demonstrated expertise in identifying and resolving transient faults on communication lines, resulting in improved communication network stability and minimizing downtime.
- ◆ Skillfully troubleshooted and repaired the Umuahia Line 2 132KV circuit breaker, leading to the replacement of faulty coils at the Alaoji station. This precise intervention averted potential disruptions in the power supply and contributed to maintaining a consistent flow of electricity in the region.

EDUCATIONAL BACKGROUND

BACHELOR OF ENGINEERING (B.Eng), ELECTRICAL/ELECTRONICS ENGINEERING (2.1)
[2021]

Michael Okpara University of Agriculture Umudike, Umuahia, Abia State.