
AROUNSORO AYOOLA ADELEYE

Idotun Town, LFTZ, Eleko, Ibeju Lekki, Lagos State. Nigeria +234

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PROFESSIONAL SUMMARY

A highly motivated Mechanical Engineer with interest in maintenance and production engineering, fluid mechanics and designs, I am greatly committed to human, capital and institutional development. Highly capable and technical minded engineer who works well either as an individual or as a team within and outside engineering fields.

WORK HISTORY

Production Engineer 04/2024 – Till Date.

HMA Medical Limited. – Ilorin, Kwara State.

- Supervising the manufacturing processes, ensuring quality work is done in a safe and efficient manner.
- Liaising with other engineers to develop plans that improve production costs and labour required.
- Diagnosing problems in the production line and providing recommendation and training.
- Establishing safety procedures and protocols that take the workers well being into account, and that also minimize the carbon footprint.
- Keeping abreast of advancement in engineering and production, and sharing knowledge with co-workers.
- Identifying, documenting and reporting of unsafe practices.
- Drawing up production schedules and budget for projects.
- Analysing all facets of production and making recommendations for improvement.
- Obtaining any material and equipment required.
- Strategizing the development process including the raw material and machinery.
- Monitoring production and reporting progress.
- Addressing any bottlenecks or issues within the production environs
- Completing progress report.
- Create specification for component based on customer's specification.
- Plan and supervise the fabrication, assembly and testing of component or symbol prototypes.

Production Supervisor 02/2023 – Till Date.

Colgate Palmolive Tolaram. – LFTZ, Ibeju Lekki, Lagos State.

- Plan, schedule and supervise work of operators/operatives to ensure proper distribution of work, effective and efficient coordination of production operations and review machine reports at the end of the shift.
- Ensure machine efficiency optimization and downtime reduction by promptly reporting machine faults to technicians on duty.
- Maintain high standard of product quality, strict compliance with GMP, 5S and hygiene in the factory.
- Ensure products manufactured are produced in a cost-effective way that meets quality specifications, control of waste and material usage variance through proper work method and good manufacturing practices and to meet up monthly production target.
- Maintaining safe operations by adhering to Environmental Occupational Health & Safety (EOHS) standards and regulations.
- Documenting actions by completing production and quality log books according to quality monitoring scheme and Current good manufacturing practices CGMP.

Production Technician 01/2022 – Till Date.

- Understood the full processes of toothbrush production.
- Participated with the team to carry out installation, performance qualification and validation of all the machineries for toothbrush production.
- Carried out weekly, monthly preventive maintenances and scheduled maintenances on Horizontal Injection Molding Machine (FCS & TOSHIBA), Vertical Injection Molding Machine (Omniplaf), Hot Runner temperature controller, Tufting & End Rounding machine by ZHARONSKY and MSCM.

- Carried out Mold change over and Mold maintenance (SKU) as per production plan by the Area Leader & Team Lead.
- Quick troubleshooting skills and ability to correct faults and defect and thereby proffering solution through digital human machine interface (HMI).
- Supervised operators daily for autonomous maintenance practices.
- Ensured the production floor is of GMP standard and practiced 5S (sort, set in order, shine, standardize and sustain).
- Took daily records of operation of all machines on the production floor and submit the report to the team leader.

Process Operator (Making Department).

- Operation of automation processes for batch making, C&S, CIP, with SCADA systems for manufacturing processes.
- Worked on the Morimatsu SCADA to monitor, control and track the process flow, production of toothpaste and C & S operations.
- Conducts and oversees maintenance practices.
- Inspected the life span and efficiency of machines.
- Verification of calibrated machines to maintain required productivity levels and adherence to quality standards.
- Efficiently operated and maintained all equipment and machinery according to manufacturer instruction.
- Weighed to correct specifications all raw materials/recipes needed at the making platform for Batch making.
- Ensured good manufacturing practices are maintained regularly at the minor powder and abrasive area.

PET Blowing Supervisor, (Graduate Trainee) 08/2021 – 01/2022.

Sonnex Plastic Packaging Nigeria Ltd. -- Industrial estate, Idiroko, Ogun state.

- Troubleshooting and maintenances of SIDEL Pet blowing Machines and Automatic Stretch Blowing machines (ASB) proffering necessary solutions.
- Participated in maintenance of AF high pressure compressor machine and also change of damaged parts such as piston assembly, cross head guide, connecting rod, charged coolers etc.
- Ensured the safe use of equipment and checked production output according to specifications.
- Took daily records of operation of the machines and submit reports on performance and progress.

Maintenance / PET Blowing Engineer/ Mechanical Supervisor, 03/2021 – 08/2021.

Sudarshana Plastic Packaging Nigeria Ltd. – Industrial estate, Idiroko, Ogun state.

- Carried out both preventive and breakdown maintenance on SMF Pet Blowing machines such as repairs on the preform loading mandrel, bottle picker speed, exhaust valve, change of blowing molds to the required one and cleaning and replacing of every faulty parts of the blowing machine like first stage and second stage cylinders, sensors.
- Troubleshooting of the automatic PET blowing machines and proffering necessary solutions.
- Checks the quality of PET products and make the necessary adjustment.
- Carried out preventive, time based and breakdown maintenance on machines in the Utility department such as high air pressure compressor engines (SHANGAIR), low pressure compressor engine (ELGI), cooling tower and chillers.
- Took records and documentation on the operation and maintenance of the machines assigned to me following the schedule chart.

NYSC, 03/2020 – 02/2021.

Maintenance Engineer

Sudarshana Plastic Packaging Nigeria Ltd.

- Carried out both preventive and breakdown maintenance on SMF Pet Blowing machines such as repairs on the preform loading mandrel, bottle picker speed, exhaust valve, change of blowing molds to the required one.

(Mathematics/ Physics Tutor),

Labmash Model School, Ipamesan, Ota, Ogun state.

- Effectively taught General Mathematics and Physics through the use of various learning aids in order to help the students develop interest in the subjects.

Engineering/Student Intern, 10/2018 – 12/2018

Nigerian Breweries Plc – Ibadan, Oyo State, Nigeria,

- Participated in general maintenance on the machines like bottle fillers, packer and unpacker machines, replacement of worn in-feed worms, conveyor systems, in-feed star wheels, transfer and discharge star wheels, bearing replacement and lubrication of internal bearings with the use of grease guns for all machines.
- Participated in stock count of materials used like carton of labels and crown corks in the packaging department.
- Prepares daily operational report and participated in system planning.

Engineering/Student Intern, 07/2018 – 09/2018

Enjay Diesel generator repairs & Technical services. – Otta, Ogun state. , Nigeria

- Participated in overhauling, maintenances like servicing and installation of different diesel generators (internal combustion engines) ranging from manufactured products like PERKINS, CUMMINS and CAT.
- Setting timing for the generator and diagnosing faults in the generator.
- Installed over ten Perkins, Cummins & CAT generator components with accuracy and without accident.

SKILLS

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| <ul style="list-style-type: none"> • Good knowledge on maintenances and installation of mechanical machines, hydraulic and pneumatic systems. • A good team player. • Excellent communication and presentation skills. • Exceptional attention to detail, adequate understanding, implementation and enforcing of GMP, HACCP, FIFO, FEFO, 5S, JHA, JSA. | <ul style="list-style-type: none"> • Critical thinking/problem-solving skill. • Good human relationship. • Advanced IT Skills with working knowledge of Microsoft Office Packages & CAD softwares. • Ability to understand priorities and manage time accordingly. • Basic knowledge of PLC operations. |
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EDUCATION

B. Eng: Mechanical Engineering, 2020

Federal University - Oye - Ekiti State

Second Class Honors

Senior Secondary School Certificate (SSCE): 2013

DIS Academy - Isolo, Lagos State, Nigeria.

OTHER CERTIFICATION

HEALTH SAFETY & ENVIRONMENT (HSE), Aug 2020

- Certificate in General Health Safety and Environment (Level 1 - 3) Awarded by Iccorganisation UK
- Certificate in Risk Assessment Management Awarded by Hancelat Professionals, Nigeria
- Certificate in Basic First Aid Awarded by Hancelat Professionals, Nigeria.

NIGERIAN SOCIETY OF ENGINEERS (NSE), 2021.

- Graduate Member.

PUBLICATION

- Development of a Modified Dehusking machine for local varieties of coconut. (2nd International Congress of the Turkish journal of Agriculture – Food Science & Technology). International Peer-Reviewed Journal / ISSN: 2148-127X www.agrifoodscience.com

REFERENCES

Available on request.