

EZE, RAPHAEL IFEANYI

14, Afoke Crescent, off Ilogbo/Coca-cola Road, Ado/Ota Ogun State



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PROFESSIONAL SUMMARY:

Result-driven and detail-oriented maintenance and production engineer with over eight years of experience in operation, maintenance, troubleshooting, and management within the manufacturing environment. Proven ability to ensure optimal machine performance, reduce downtime, and uphold safety and quality standards. Skilled in reading technical manuals, using diagnostic tools, and implementing maintenance schedules to support continuous production. Committed to efficiency, reliability, improvement of equipment and processes, and ability to perform well in a fast-paced environment.

WORK EXPERIENCE

Maintenance Engineer. (January 2023 - Current)

Quatera Limited, Sango Ota, Ogun State, Nigeria.

- Performed installation, maintenance, and repair of Injection molding machines
- Diagnosed and resolved mechanical faults including wear, vibration, overheating, and alignment issues
- Conducted routine inspections on bearings, shafts, gears, seals, and hydraulic systems
- Executed preventive and predictive maintenance schedules to minimize downtime
- Monitored machine performance and recommended mechanical improvements
- Handled dismantling and reassembly of machine components during overhauls
- Ensured proper lubrication and calibration of mechanical systems
- Worked closely with production teams to ensure equipment meets operational demands
- Maintained maintenance logs, reports, and documentation
- Ensured compliance with safety standards and company policies
- Installed molds and ensured proper alignment, cooling, airblast/ejector and clamping.
- Resolved production defects by adjusting machine parameters
- Installed and commissioned new injection molding machines and auxiliary equipment like cooling tower, chillers, compressors, grinding machine, etc

Production/Maintenance Engineer. (August 2020- December 2022)

Dolice Dairy Limited, Owerri, Imo State, Nigeria

- Coordinated daily production activities to maximize productivity and minimize cost while maintaining quality & safety;
- Oversaw safe use of equipment and scheduled regular maintenance;

- Ensured all equipment is functioning properly and production plans are completed in time;
- Conducted regular inspections, addressing any quality issues or deviations, and implementing corrective actions;
- Monitored machine performance, and carried out preventive maintenance;
- Prepared work schedules by setting daily/weekly/monthly objectives and communicating them to employee;
- Submitted reports on performance and progress;
- Identified issues in efficiency and suggested improvements;
- Ensured and maintained a safe work environment.
- Supervised the entire operations of the processing facility with an aim for high performance;
- Ensured supplies and materials are in a positive flow;
- Oversaw and coached employees;
- Adhered strictly to a healthy, safe environment and good housekeeping in the processing plant.

Maintenance Technician/Machine Operator (June 3, 2018–July 31, 2020)

Krisoral and Company Limited, Harbor Industrial Layout Onitsha.

- Operated the HDPE cap production machines, packaging machine, and mixer.
- Carried out corrective and preventive maintenance on the HDPE cap production machines, packaging machine, Chillers and Compressors
- Troubleshooting the root cause of machine failure and applied solution;
- Ensured regular Lubrication of bearings and mold stations.
- Checked all heating mandrels, gripper heads, and nozzles for damage
- Troubleshooting and repairing of pressure valve pump, chillers, conveyor, separators, mixers.
- Troubleshooting and correcting alignment problems in gear couplings, flexible couplings, etc.
- Adjusted machine components to regulate speed, pressure, and temperature for proper distribution of material
- Cleared jam and removed defective or substandard materials or products.
- Troubleshooting and disassembling of equipment to repair it or replace parts such as nozzles, spindle, seals, bearings, normal coupler, etc.
- Performed other duties as assigned

Industrial Training (Mechanical Fitter) (Mar. 2 – Sept. 30, 2015)

J. O. Ogbonna Engineering Company, Ilodibe, Onitsha, Anambra.

- Welding operations using arc welding
- Sharpening and grinding of the workpiece using a surface grinding machine.
- Maintenance and repair of Agitator mixers, rollers, industrial blades, and gears
- Assembling and disassembling gears and machine parts using a hydraulic press
- Changing mechanical seals and bearings using mechanical tools and equipment like Clip pliers, hydraulic press, Spanners, etc.

- Machining operations to perform specific maintenance operations using a Milling machine, drilling machine, and various hand tools.

Machine Operator and Maintenance (Jan 16, 2009–Aug. 30, 2011)

Sailas Recycling Company, Eziweka, Onitsha, Anambra.

- Operated the injection molding machine
- Mounted and dismounted the mold on the machine
- Carried out maintenance operations where necessary on the machine using mechanical tools.
- Performed all the mechanical work needed on the machine.
- Prepared the raw material for production.
- Troubleshoot equipment failures to repair them or replace parts such as nozzles, seals, bearings, and couplings.
- Checked all heating mandrels, gripper heads and injection nozzle for damage.
- Performed other duties as assigned.

EDUCATION

Rivers State University of Science and Technology, Port Harcourt. (Sept. 2011 - Aug. 2016)

- Bachelor of Technology in Petroleum Engineering
- Second class upper Honour

Army Day Secondary School, Onitsha. (Sept. 2002 - June 2008)

- WASSCE certificate

Army Children Primary School 1, Onitsha (1996 – 2002)

- FSLC

CORE COMPETENCIES:

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| • Preventive & Corrective Maintenance | • Microsoft Suit and data analysis |
| • Detail oriented and Time management | • Machine Operation & Monitoring |
| • Machinery Inspection & Diagnostics | • Leadership skills and Problem-solving |
| • Tool Handling & Mechanical Repairs | • Production Workflow Support |
| • Safety Protocols & Risk Mitigation | • Team Collaboration & Communication |
| • Documentation & Reporting | • Critical thinking and Multitasking |
| • Equipment Installation & Calibration | • Continuous Improvement and Willingness to learn |
| • Ability to work under pressure | |

REFERENCE: Available on request.