

RESUME

Erick Lemon – elemon68@gmail.com – (720)217-2416 – Denver Colorado

A dedicated and motivated professional engineer committed to corporate integrity, with years of experience. Seeking employment with a successful company where I can utilize my extensive engineering and technical skills and expertise.

PROFILE AND SKILLS

Engineering Skills

Dynamic and self-driven engineering, professional with experience and extraordinary knowledge in mechanical engineering, manufacturing process, and validation, mechanical design, quality control and assurance, project management, and biomedical engineering

- Communication and collaboration
- Critical Thinking and problem-Solving
- Time management and teamwork
- Software proficiency, and data analysis
- Adaptability / Pay attention to detail
- Management and Leadership
- Creativity / Innovation and improvement
- Project management and technical Support
- Composure and creativity/ Independent thinker
- GMP/ SOP/EHS/FDA Regulation / ISO

Technical Skills

- Root Cause Analysis and CAPA
- Preventive and Conditionals Maintenance
- Leadership / Team player / Safety Procedures
- Supervision and Coaching/Troubleshooting
- Continuous Improvement / Hand Tools
- Analytical and Problem-solving

Works Experiences

AGC Biologics

2025

Utilities Technician III/Engineer

Boulder Colorado

- Active participation in the general morning meeting of all departments and following by utility department meeting. Performs routine walking and visual inspections of the production floor in observation of unsafe acts or conditions; takes immediate corrective action where necessary to develop and meet plant safety goals. Is actively involved in safety efforts. Reports drugs safety and quality issues, corrective actions, and preventative measures to management. Ensure basic hygiene training, GMP's, HACCP, allergen control, drugs safety and quality requirements and actively supports prerequisite programs as required. Apply the Good Manufacturing Practices GMP, and Standard Operating Procedure SOP and the U.S. Food and Drug Administration FDA to perform complex installation, maintenance, troubleshooting, repair, and testing of a wide variety of devices in the biopharmaceutical manufacturing facility.
- Monitor, operate, supervise the manufacturing drugs processes via a computerized software program such as SCADA, Delta V, BMS, BMRAM, Smartsheet, and NFPA 70, and respond quickly to alarms faults on the biopharmaceutical manufacturing facility equipment such as Purified Water Systems, Softener system, RO, PUR Systemwide Generation, WFI Still, Nitrogen Bank, Clean Steam Generator, Ice Baths, Air Compressor system, Air Receiver, Glycol Supply Dryer, LN2 Dewars, Bioreactor, MECO system, Surge tank, Deaerator, and Steam boiler, Incubators, Compressed gas (CO2, O2, N2), Freezer and equipment for the MVE Cry system, Bulk CO2 System, Bulk Caustic, Fire system, Generators Electric, Modular Process Skids, CIP, TCU, Chilled Water System (CHWS), Couling Tower System and HVAC - Waste treatment and Bio-inactivation systems. Acid and Process Caustic System, Wastewater neutralization system. Bulk gas system.
- Perform alarms faults investigation to find the root cause by applying CAPA, and initiating the deviation processes if necessary, and diagnostic, troubleshooting, and initiate the repair process in coordination with other departments. • Perform and complete assignments or Preventative Maintenance (PM) tasks and Work Orders (WO) distributed through computer-based PM/WO system. Prioritize and complete work orders and ensure any required documentation is also completed. Uses continuous improvement tools, including breakdown elimination and focused improvement to eliminate losses and drive issues to root cause. Documents, communicates, and implements corrective and preventative actions. Use the P&ID diagram to apply the lockout/tagout procedure and isolate water, air, chemical, and steam lines for maintenance operations. Demonstrate a strong understanding of safety regulations and work collaboratively with contractors on internal and external company projects, including signing hot work permits, etc., and systematically inspect the required personal protective equipment mandated by the company. Write end of shift query alarms and activities reports.

Terumo BCT Blood and Cell Technologies

2024

Automated Equipment Maintenance Tech III

Littleton Colorado

- Work independently in clean room according to all safety protocols and regulatory requirements to perform preventive maintenance (daily, weekly, monthly, quarterly, semi-annually, and annually), troubleshoot, repair and improve manufacturing equipment, and mentor less experienced technicians. Maintaining the manufacturing equipment includes performing PM and monitoring equipment performance.
- Working in a safe manner, responsible for effectively troubleshooting, diagnosing, repairing, adjusting, replacing, and installing mechanical, hydraulic, pneumatic, electronic and electrical systems and components, automated machinery, including sensors, actuators, valves, robotic arms, conveyor systems, and other automated equipment for all plant equipment in a high volume, continuous-run manufacturing environment.
- Contribute to process optimization through equipment design improvements, improvements to operating and maintenance procedures activities. Ensure the calibrations are current on all machines and ensure proper operations after calibration. Mentors less experienced technicians to help build their skills. Maintains a high level of knowledge of the manufacturing technologies, processes and equipment to provide support for all processes and equipment in all areas
- Manage equipment performance improvement projects. Contribute to process validation activities. Perform routine diagnostic checks on automated systems, monitor automated systems, isolate problems and perform repairs. Assist in new technology or equipment specification, installation, and modifications. • Provides operation training on automated systems to maintenance techs and production operations

Liva Nova

2023

RESUME

Sterilization System & Medical Devices Technician III

Arvada Colorado

- Work independently to manage and troubleshoot the Ethylene Oxide (EO) sterilization system. Perform HMI software to optimize the system operating cycle. Providing technical and engineering support to perform assigned duties by current policies and procedures including scheduled maintenance, equipment inspection, installations, safety testing, troubleshooting and repairs, adjustments, and calibration.
- Perform basic administrative tasks associated with the position, including parts ordering and returning, email correspondence, customer interaction, and documenting all work performed with the Enterprise Asset Management (EAM) software and computerized maintenance system (Establish and maintain positive and cooperative working relationships with vendors like Getinge and LESNI to get answers to technical issues. Maintaining personal competence to fulfill job responsibilities using product information and technical data from Getinge and others. Organize and maintain technical operations and perform electrical safety testing and quality assurance inspections for all biomedical equipment in a clean room.
- Maintain supplies inventory by checking stock, anticipating needs, placing, and expediting orders, and verifying receipts. Maintains safe and healthy working environment by conducting safety tests, recommending, and complying with procedures, training, and guiding devices' operators and complying with codes.

Malace HR/Amzon/Den3

2022

Manufacturing Technician III Lead

Thornton CO

- Lead the maintenance team, plan, train, and review the work of maintenance staff, observe, and comply with federal, state, and local codes, laws, and regulations. Participate in performing the unit's most complex work, including organizing, and assigning work, setting priorities, and ensuring coordination and completion of assigned work.
- Manage a first-morning meeting with the outgoing team leader to learn about what has been done. Second meeting with the coming team to plan the day's activities. Give the necessary instructions to the team for the proper completion of the work and notify the goal of the day. Schedule maintenance and repair work orders for machines, rolling robots, and high-speed conveyors using EAM software. Implemented routine physical improvements. Respond to emergencies by departmental protocol. Assisting supervisor in establishing and maintaining all equipment, tools, supplies in stock, inventories, and logs.
- Implement, with the supervisor, a comprehensive preventative maintenance plan and maintain all related records and logs. Adhere to THE safety standards, policies & procedures, codes of conduct and best practices. Assure product quality using machine process limits, machine auto reject alarms, and part inspection to the control plan. Collaborate with all technicians and engineers to identify improvement opportunities resulting in a decrease of lead times, cost savings, waste elimination, or increased quality control. Provide nightly shift reports to the management.

Altium packaging

2021

Manufacturing Mechanic

Denver Colorado

- Offering technical support to production to facilitate seamless project progress during manufacturing, assembly, and testing. Introduce regular updates to production documentation in response to process improvements and engineering modifications. Perform maintenance, troubleshooting, and repair of production machinery and equipment (Blow mold machines, Injection machines, Trimer machines, Bagger machines, Conveyors, Compressors, Grinders, and Chilled water systems). Monitor and adjust machinery and equipment to maintain quality standards.
- Working in a safe manner, responsible for effectively troubleshooting, diagnosing, repairing, adjusting, replacing, and installing plant mechanical, hydraulic, pneumatic, electronic and electrical systems and components for all plant equipment in a high volume, continuous-run manufacturing environment. Perform fabrication of equipment and parts through welding and machining. Read prints and manuals. Lubricates and cleans parts. Use various physical senses to perform job assignments. Attends meetings, participates in individual and team initiatives, and possess excellent verbal communication skills. Completes personal training and supports others training as required. Use computer-based programs to track work, time and inventories.
- Perform routine walking and visual inspections of the production floor in observation of unsafe acts or conditions; take immediate corrective action where necessary to develop and meet plant safety goals. Is actively involved in safety efforts. Collaborating with process and test engineering to address debugging, code qualification, and process changes. For instance, rewriting the mid-process quality audit checklist resulted in fewer production issues and test failures. Maintaining records for legal and audit compliance. Collecting, analyzing, and interpreting data for presentation to management.

Symbia logistics

2019

Manufacturing Mechanic

Aurora Colorado.

- Collaborate with plant manager on all maintenance needs, performing maintenance tasks, doing PM, and troubleshooting. Inspect equipment to identify potential problems; make timely and appropriate decisions in emergencies or breakdown situations. Perform preventive maintenance, repairs, installations and upgrades, root cause failure analysis, failure modes and effects analysis, and reliability-centered maintenance analysis.
- Timely response and resolution of all manufacturing interruptions and trouble calls. Improves function and reliability of facility systems and associated equipment by studying performance results. Perform flexible work schedules based on the facility's operational or downtime needs. Maintaining and testing systems and equipment, restoring, repairing, rebuilding, or replacing faulty or inoperative components and parts on (Painting robot, conveyers, nut air gun, load elevator, pallet turning table). Repair and maintain mechanical, pneumatic, and hydraulic components of production machines include forklifts).
- Perform PLC programs, troubleshooting ladder logic, components, and communications modules. Repairs broken parts, using brazing, soldering, and welding equipment hand tools. Work with MIG/ARC welding as needed. Operate metalworking tools, like lathe, drill press, or grinder, to make or repair parts

Health ONE North Suburban Medical Center

2019

Mechanical Specialist

Thornton Colorado

RESUME

- Perform dally shift rounds with critical thinking and sound judgment to regularly inspect buildings automation systems, electrical installation, and identify necessary future repairs. Adhere to hospital, site safety policies, and perform professional activities safely. Use a Building Automation System (BAS) and Computerized Maintenance Management System (CMMS) to access, control, monitor all connected facilities equipment like Boilers system, HVAC system, cooling tower system chilled water system, compressors from a single interface to respond effectively of alarms and performs the service order like preventive maintenance, troubleshooting, and control surgery room temperature for surgery.
- Use maintenance management software to input and track historical maintenance logs for future reference. Utilize existing maintenance entries and other existing facility documents to analyze, diagnose and repair facility maintenance issues. Reads and understands blueprints, P&ID, ladder diagrams, similar references and documents to perform Lockout/Tagout.
- Perform demand and preventative maintenance and repairs on natural gas fired boilers, snowmelt systems, Heating, Ventilation, and Air Conditioning, and air handling equipment, plumbing installation, and electrical installation. Follows manufacturing direction, and works effectively in safety condition to do inspection, troubleshooting, repair, and perform preventive maintenance on biomedical equipment according to the hospital regulation laws. Establishes and maintains effective working relationships with a variety of contractors. Write, print and send work activities rapport to the supervisor and manager.

Niagara Bottling Water Company

2015 - 2019

PM Mechanic

Aurora Colorado

- Work independently with the company regulation laws and Osha regulations for manufacturing plants to perform maintenance Reactive (fixing after breakdown), Predictive (using data to forecast failure), Condition-Based (monitoring asset condition for action), and Preventive (scheduled upkeep) work order daily, weekly, monthly, quarterly, and annually) on manufacturing machinery (Blow Mold, Packer, Pallet conveyor, turn table, High and lower Conveyors, RO room, Injection machines Husky Pet 450 & 350), Dryer, Palletizer, Robotic box, Stretch Wrapper, Conform, Blow mold, Filler, Check Mart, Pallet magazine, Tier sheet, Labeler and Cap machines, Pumps, Compressors).
- Read and interpret blueprints, schematics, and wiring diagrams to identify and correct system issues. Perform routine inspections and maintenance based on work orders and established PM schedules. Monitor machinery performance to minimize unplanned downtime and maximize operational efficiency. Perform inventory activities.
- Perform lock tag out procedure to troubleshoot and repair lower and high-speed conveyors, and other equipment as required. Work in a team to complete annual rebuild and new machine installation. Collaborate with operators and supervisors to minimize downtime and ensure production continuity. Maintain accurate records of repairs, parts used, and maintenance activities.

Addax Oryx Benin Petroleum company

2000-2013

Mechanical Engineer

Cotonou Benin.

- Manage operational activities on offshore platforms and petroleum product storage sites. Such as offshore drilling, handling, pumping, delivery, loading, and unloading of ships and trucks. Overall, I was responsible for the effective and efficient execution of projects on sites with maximum safety. Review project specifications and validate documents affiliated to good engineering standards and practices. Ensure the management of equipment inventories and purchases with an appropriate engineering approach and methodology to maximize production profitability.
- Develop and complete schedules for maintenance operations on sites, Ensure management of company technicians and their training. Maintain and validate quality of fuel, diesel, gasoline, petroleum, kerosene, and natural gas. Responsible for maintaining engineering deliverables in accordance with project schedule and cost targets. Repair material requisition specifications for selection and purchasing of procurement items. Perform goods receiving inspection to verify the quality and accuracy of items delivered by sub-suppliers. Ensure the responsibilities of the site manager in the event of vacancy or force majeure.

Joint Organization Benin Niger OCBN

1999-2000

Manufacturing Engineer

Cotonou Benin

- Designs mechanical and electromechanical products and systems by developing and testing specifications and methods. Evaluates mechanical and electromechanical systems and products by designing and conducting research programs and applying principles of mechanics, thermodynamics, hydraulics, heat transfer, and materials. Confirms system and product capabilities by designing feasibility and testing methods and properties. Develops mechanical and electromechanical products by studying customer requirements; researching and testing manufacturing and assembly methods and materials; and soliciting observations from operators.
- Develops manufacturing processes by designing and modifying equipment for fabricating, building, assembling, and installing components. Assures system and product quality by designing testing methods; testing finished product and system capabilities; and confirming fabrication, assembly, and installation processes. Prepares product reports by collecting, analyzing, and summarizing information and trends. Provides engineering information by answering questions and requests. Maintains product and company reputation by complying with government regulations.
- Keeps equipment operational by coordinating maintenance and repair services; following manufacturer's instructions and established procedures; and requesting special services. Maintains system and product database by writing computer programs and entering data. Completes projects by training and guiding technicians. Maintains professional and technical knowledge by attending educational workshops, reviewing professional publications, establishing personal networks, and participating in professional societies. Contributes to team effort by accomplishing related results as needs.

Beninese Textile Company SOBETEX

1995-1999

Manufacturing Process Engineer

Cotonou, Benin

- Plans, coordinates, and performs manufacturing engineering work for a project or process. Operates in a team environment within either the enterprise product delivery process or the enterprise order fulgent process. Use data analytical tools and develop plant automation devices to drive performance for existing equipment and new installations that bring breakthrough performance.

RESUME

Monitor and drive factory performance with plants to improve consistency and product quality. Coordinate efforts between plants to share processing knowledge and improvements.

- Develop, evaluate, and improve manufacturing methods. Consult E1staff to discuss concerns with designs to ensure efficient production and machining methods. Monitor performance of manufacturing methods. Contribute ideas to continuous improvement projects. Implement cost improvement plans that identify and eliminate waste. Estimate production times, staffing requirements and related costs to provide information for management decisions.
- Plans and adhere to project deadlines, budgets, procedures, preparation tasks, process documents, and reports as quickly as possible, and promptly inform all relevant departments. Participate in the development of the budget forecast for tooling and capital project expenses. Analyze product and/or equipment failures to determine root cause and corrective action. Assist with installation, maintenance, and proper operation procedures of equipment.
- Monitor machine records, process layout, and workforce activities to minimize machine downtime. Function as the Company liaison for the procurement, installation, and introduction of new equipment within the manufacturing plant. Ensure that work areas are following the OSHA and EPA standards.

Beninese Electricity and Water Company SBEE

1992-1995

Quality Inspector Engineer

Cotonou Benin

- Conduct comprehensive assessments of potential suppliers to evaluate their capability to meet quality standards and regulatory requirements. Collaborate with the procurement team to establish and maintain an approved supplier list based on rigorous qualification criteria. Drive supplier corrective actions and improvement plan as necessary to address non-conformities and ensure adherence to quality standards. Establish and maintain performance metrics and key performance indicators (KPIs) to monitor supplier performance and identify areas for improvement.
- Conduct regular supplier audits to evaluate compliance with quality management systems, applicable standards, and contractual obligations. Analyze supplier quality data and trends to proactively identify and address potential risks or quality issues. Supplier Development and Collaboration. Provide technical guidance and support to suppliers to enhance their quality systems, processes, and manufacturing capabilities. Foster strong relationships with suppliers through effective communication, collaboration, and joint problem-solving to ensure mutual success.

EDUCATION

Bachelor's Degree (BS) Mechanical Engineering and Technology
Metropolitan States University of Denver Colorado.

2022

SENIOR PROJECT

- MSU School project: Six months Senior Project I & II at MSU Denver for Ambient Energy "Minneapolis Blower Door" Application of manufacturing procedure.
- License Thesis: Fuel oil boiler "Study and principle of reducing the quantity of fuel injected by the burner"
- ADDAX ORYX Project " Weighbridge platform design."
- OCBN (Organization Commune Benin Niger) Project "Reduction of the flow of diesel fuel injected into the cylinders of a train engine" Regional project "Study and manufacturing of the corn mill"

PROGRAMS

AutoCAD / SolidWorks / Mat Lab / Microsoft office / MS Project,/ Systems Applications and Products (SAP) / Supervisory Control and Data Acquisition (SCADA) / Enterprise asset management (EAM) / Building Management System (BMS) / Delta-V / Building Automation Manage System (BAS) / Product Lifecycle Management (PLM) / Engineering Product Data Management (EPDM) / Computerized Maintenance Management System(... CMMS) software / Statistics and Data Analysis / Thermodynamics, fluid mechanics, and heat transfer / GD&T/ RCA and CAPAE / PLC Program Etc.