

Obayida Alsouri

Mechatronics Engineer (Operations and Maintenance)

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Professional Summary

Highly experienced Operations and Maintenance Engineer with 9+ years of expertise in industrial equipment operation, instrumentation, maintenance, and control systems, specializing in aluminum smelting environments. Proven track record of optimizing production, effective troubleshooting, successful supplier negotiations, and strong team leadership. Possesses dual qualifications in Mechatronics Engineering and Micro-devices and Process Control.

Objective

To secure a challenging and progressive Operations and Maintenance Engineer position within a reputable company, utilizing expertise in optimizing industrial equipment operation, instrumentation, and maintenance, while contributing to a professional team to apply and enhance skills and achieve key organizational objectives.

Education

- **B.Sc. in Mechatronics Engineering**, Philadelphia University, Jordan, 2014 – 2018
 - **Diploma in Micro-devices and Process Control**, Al-Balqa' Applied University, Jordan, 2010 – 2012
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Professional Experience

- **Operation and Maintenance Engineer**, Qatar Building Company (Laffan Aluminum Factory), Qatar | April 2019 – Present
 - Implemented and enforced rigorous safety protocols and maintained a hazard-free working environment, adhering to all relevant safety regulations and industry best practices.
 - Spearheaded the installation, maintenance, and operation of a wide range of automated industrial equipment and production lines, encompassing electrical, mechanical, hydraulic, and pneumatic systems controlled by technologies like Programmable Logic Controllers (PLCs) and Variable Frequency Drives (VFDs), in addition to aluminum smelting furnaces and aluminum production equipment.
 - Directed factory production operations, specifically aluminum smelting and aluminum production, ensuring optimal workflow and output.
 - Implemented a preventive maintenance program that resulted in a significant reduction in downtime and a substantial increase in production.
 - Trained technicians on standard malfunction repair protocols, leading to considerably improved equipment failure response times.
 - Diagnosed and repaired complex automated control system malfunctions, utilizing advanced tools.

- Prepared detailed specifications for equipment and material procurement, efficiently managed inventory, and utilized machines for the fabrication of repair parts.
 - Communicated and negotiated with a network of suppliers, both within and outside Qatar, to secure timely and cost-effective procurement of essential spare parts and equipment.
 - Compiled and analyzed periodic maintenance reports to evaluate equipment performance, identify areas for enhancement, and optimize production schedules.
- **Maintenance Technical**, Abdin Industrial Establishment, Jordan | March 2012 – October 2014
 - Installed and maintained a wide range of industrial equipment for restaurants and hotels, including large machinery and complex control systems, and also maintained and serviced industrial control panels.

Skills & Abilities

Technical Skills: Industrial Equipment Operation & Maintenance, Aluminum Smelting/Production, PLC, VFD, SCADA, Instrumentation & Control, Troubleshooting, Root Cause Analysis (RCA), Procurement, Inventory Management, CNC Operation, Safety & Compliance, Maintenance Reporting, Pneumatic Systems, Hydraulic Systems.

Software Proficiency: PLC Programming, VFD Configuration, SCADA Systems, CAD software (AutoCAD), Fluid Simulation (FLUIDSIM), 3D Modeling (SketchUp), Microsoft Office Suite.

Personal Skills: Problem-solving, Communication, Negotiation, Leadership, Training, Time Management, Detail-Oriented, Adaptable, Quick Learner.

Training and Certifications

- Certified by the Engineers and Consulting Offices Accrediting Committee, Ministry of Municipality and Environment / Qatar
- Smart Home Automation (Ideal Control Company, Amman - Jordan)
- Pneumatic Systems Training (Technical Center Services, Amman – Jordan)
- Fire Warden and Safety Course (Act Masters, Doha – Qatar)
- Integrated Management System Awareness Training (Quality Austria Gulf, Qatar)

Languages

- Arabic: Native
- English: Good

Personal Information

- Nationality: Jordanian
- Residence: Qatar
- Date of Birth: November 22, 1991
- Driving License: Qatari Driving License Available

References / Available upon request