**­Mohammed**



**(Mechanical Engineer)**

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**PROFESSIONAL SUMMARY**

**A skilled Mechanical Engineer, expert in ProductionManagement and Industrial Equipment maintenance. Over 6 years of experience in Plastic and Steel factories. Demonstrated success in maximizing efficiency and profitability. Creative, Excellent Problem-Solving, and communication skills. Ready to bring 6 years of experience in Production and Maintenance to your company.**

**PERSONAL INFORMATION**

* **Date of Birth: 19/12/1985 |Abu Dhabi – UAE**
* **Nationality: Sudan**
* **Marital status: Single**
* **Current residency: Sharjah– Al Nahda**
* **Visa situation: Visit visa**

**COURSESAND CONFRENCES**

* **SOLIDWORKS drawing program| Sudan|2013**
* **CNC Machines - Giad Industrial Group – Sudan | 2013**
* **Production of liquid metal in induction furnaces ( 3 months) | Bosnia and Herzegovina | 2013**
* **India Steel|3th International Exhibition and Conference | Mumbai-India| 2017**
* **(OSHA) health, safety and environmental OSHA requirements|Sudan | 2018**

**EDUCATION**

* **B.SC. in Mechanical Engineering | Sudan University of Science and Technology - Sudan |2008**
* **Master of Business Administration | University of Garden City – Sudan | 2018**

**WORK HISTORY**

**1- Operating Engineer – Production Department**| 1/2010 to 11/2011

**Mega Food Industries – Khartoum, Sudan (Sudanese company Specialized in Soft Drinks production (PEPSI))**

* **Programming Blow Moulding machines to produce high-quality PET bottles of different sizes(oven lamps settings, Pre Blowing settings­­­, ventilation settings, cooling water settings, pneumatic system settings,feeder settings and extra).**
* **Inspect and test Blow Moulding machines' and conveyors' operation to ensure optimum performance.**
* **Supervision and Following-up preventive maintenance operations (PET Perform elevators – Blow moulding Machines – Conveyors).**
* **Supervision of corrective maintenance.**
* **Training new staff members to work on Blow Moulding machines.**

**2- Mechanical Engineer–Head of Melting Department**4/2013 to 7/2017

**Giad Industrial Group –Sudan (Largest Industrial Group in Sudan – Specialized in Metals’ production and fabrication, and Auto Industry(**

* **Managing and planning Melting Department activities ( Estimating and calculating materials requirements {scrap, additives, sand, lining materials, coating materials, and bentonite} – HR Planning – Monitoring products quality to reduce defects – Setting production targets – Analysing production reports)**
* **Developing and supervising programs to achieve the best use of equipment, technology, human resources, and materials.**
* **Supervising maintenance standards, schedules and programs and provide guidance to industrial maintenance crews**
* **Corresponding with equipment's, raw materials’, and spare parts’ sellers.**
* **Developing Steel and Cast iron products by studying customers' requirementsusingFinite Element Analysis (FEA) Programs**

**(Magmasoft).**

* **Taking safety measures to ensure workers’ safety and well-being (providing PPE – Providing first aid kits - providing safety instructions and training for workers).**

**SKILLS**

* **Operation & maintenance**
* **Production Engineering**
* **Engineering design**
* **Blow Moulding**
* **CNC**

**LANGUGES**

* **Arabic – Native speaker**
* **English – Fluent**
* **Drawing software's skills | SOLIDWORKS | AutoCAD**
* **Computer Programming skills | Visual Basic**
* **Microsoft Office.**
* **Finite Element Analysis (FEA)**