

# Abu Bakr Mohammad Darwish Alfar

## Senior Production Engineer

### Personal Information

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### Professional Summary

Production Engineer with over 14 years of experience in industrial operations, specializing in crushers and raw material preparation. Skilled in managing production processes, troubleshooting equipment, and coordinating with maintenance and quality teams to ensure smooth operations. Proven ability to prepare and analyze production reports, optimize efficiency, and support continuous improvement initiatives. Seeking to contribute expertise to enhance productivity and operational performance..

### Education

Bachelor's Degree in Mining Engineering (2010)

Institution: Faculty of Petroleum & Mining Engineering, Suez Canal University, Egypt

Graduation Project: Kaolin Deposit of El-Teih Plateau (South Sinai) – Grade: Excellent

Overall Grade: Good

### Professional Experience

Sinai Manganese Company – Abu Zneima, South Sinai, Egypt

Production Engineer (July 2011 – Present)

Key Responsibilities:

- Managed uninterrupted ore feeding to furnaces, optimizing production efficiency and minimizing downtime.
- Operated and maintained Jaw-Crusher, ensuring smooth ore processing operations.
- Coordinated material transportation using loaders and trucks, streamlining workflow.
- Collaborated with the Production Department to provide accurate ore assay reports for informed decision-making.
- Assisted the Maintenance Department in maintaining the Jaw-Crusher and feeding circuit, extending equipment lifespan.
- Prepared detailed periodic and annual reports on mineral processing, quality control, and assay results to support strategic planning.
- Supervised daily production operations ensuring material availability and smooth workflow.
- Coordinated with warehouse and procurement teams to monitor raw material stock levels and issue material requests.
- Assisted in material consumption forecasting and prepared weekly/monthly usage reports.
- Ensured accurate documentation of material receipt and issue according to quality standards.

### **Key Achievements:-**

- **January – February 2024:** Managed storage and transportation of carbon blocks and refractories for the partial rebuild of the Manganese Alloys furnace, ensuring timely and efficient handling.
- **August – November 2020:** Successfully oversaw the storage and logistics of carbon blocks and refractories for the total rebuild of the Manganese Alloys furnace, optimizing resource allocation.

### **Technical Skills**

- Production Operations Management.
- Crushers & Raw Material Processing.
- Preventive & Corrective Maintenance.
- Troubleshooting & Problem Solving.
- Process Optimization & Efficiency Improvement.
- Safety & Quality Compliance.
- Production Reporting & Data Analysis.
- Team Coordination & Training.

### **Transferable Skills**

- Leadership & Team Management
- Communication & Collaboration
- Time Management & Organization
- Problem-Solving & Decision-Making
- Attention to Detail
- Project Planning & Execution

### **Technical Proficiency**

- Microsoft Office Suite (Word, Excel, PowerPoint)

### **Language Proficiency**

- Arabic – Native
- English – Excellent (Writing, Reading, Speaking, and Listening)

### **Certifications & Training**

- Training Course in Ferroalloys (Oct 2011) – Central Metallurgical Research & Development Institute (CMRDI)
- OSHA Safety Certification (10 hrs) (Oct 2010) – Conducted by Mr. Mohammad Azzab (OSHA Authorized Trainer)
- HSE in Petroleum Industry Course (Dec 2009) – BP Egypt
- ICDL Certification (June 2008)

### **Internships & Training Experience**

- El-Wahat El-Bahriya Iron Ore Mine (Egyptian Iron & Steel Co., 2007)
- Phosphate Abu Tartor Mine, El Wadi El Gedeed (2007)

### **References**

Available upon request.