

Mohammed Zakaria Mohammed Moussa

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Plant Manager | Quarry Manager | Production Manager | Operation Manager | Crusher Manager | Mining Manager | Process Improvement Manager | Site Manager | Engineering Manager

Highly experienced engineering and management professional with a robust background in cement production, quarry operations, and mining engineering. Demonstrated expertise in optimizing operations, enhancing productivity, and ensuring safety compliance across various roles, including Quarry Director, Raw Mills and Crushers Chief, and Shift Leader. Proven ability to lead teams, manage complex projects, and implement strategic initiatives to drive business growth. Adept at negotiating with vendors, managing resources, and improving operational efficiency. Committed to continuous improvement and professional development with a strong track record of successful project delivery and performance enhancement in the cement and mining industries.

SIGNATURE COMPETENCIES

Operational Optimization - Selective mining- Project Management - Team Leadership - Strategic Planning - Cost Reduction - Performance Improvement - Safety Compliance - Vendor Negotiations - Resource Management - Equipment Maintenance - Process Improvement - Productivity Enhancement - Issue Resolution - Staff Management - Budget Management - KPI Monitoring - Policy Implementation - Risk Management - Quality Assurance - Data Analysis - Technical Expertise - Problem Solving - Decision Making - Employee Engagement - Client Relations - Regulatory Compliance - Change Management - Sustainability Initiatives - Continuous Improvement-5S Methodology

PROFESSIONALEXPERIENCE & MILESTONES

Operations Manager | UNIMINE SA | Crushed Aggregates & Asphalt Production Powered by UNIMAC Holding Company (United Maintenance and Contracting Company) Aug. 2024 – Present

Key Highlights:

- Oversee daily operations of crusher and asphalt plants production to ensure efficient performance and production output.
- Manage project timelines, budgets, and resource allocation to achieve company objectives.
- Supervise and lead teams in operational and technical activities, ensuring adherence to safety and quality standards.
- Develop and implement strategic plans for optimizing production processes and improving workflow efficiency.
- Coordinate maintenance schedules to minimize downtime and ensure continuous production.
- Collaborate with senior management and external stakeholders to align operational goals with company strategies.
- Monitor key performance indicators (KPIs) and report on operational progress, making data-driven adjustments as needed.

Crusher Manager | Riyadh Cement (RCC) - Saudi Arabia

June 2022

Key Highlights:

- Enhanced Crusher Performance:** Improved productivity of L.S crusher from 500 t/h to 1300 t/h.
- Operational Efficiency:** Managed staffing schedules for multiple employees, ensuring operational efficiency within budget.
- Policy Implementation:** Enforced company policies and legal guidelines.
- Budget Management:** Established budgets using historical, current, and forecasted business data.
- Business Growth:** Developed key operational initiatives, driving and maintaining substantial business growth.
- Strategic Planning:** Led strategic planning initiatives, aligning organizational objectives with long-term goals.
- Performance Monitoring:** Reviewed subordinate management reports to identify areas of opportunity.
- KPI Monitoring:** Established and monitored key performance indicators to measure organizational success.
- Talent Acquisition:** Initiated aggressive hiring and training of industry-renowned candidates.
- Problem Resolution:** Identified and resolved operational issues affecting productivity, performance, or profitability.
- Administrative Leadership:** Led and managed administrative staff for smooth daily operations.
- Health and Safety Compliance:** Monitored health and safety measures to ensure compliance.
- Issue Investigation:** Investigated operational issues, prepared reports, and implemented corrective actions.
- Performance Reviews:** Conducted periodic performance reviews for direct reports.
- Resource Management:** Analyzed and resolved complex resource management issues for optimized scheduling.
- Team Building:** Introduced new opportunities for team building and communication, enhancing team performance.

Quarry Director (Crushers, Mining, and Quarry Auto Workshop) | Riyadh Cement (RCC) - Saudi Arabia

Nov 2022 -Dec 2023

Key Highlights:

- Maintenance and Operations:** Sustained maintenance and operation of quarry equipment and facilities.
- Mining Efficiency:** Improved mining fragmentation by optimizing explosive material usage (gm/ton).
- Equipment Availability:** Enhanced availability of mobile heavy equipment in the auto workshop.

- **Vendor Negotiations:** Led negotiations with vendors and suppliers, securing favorable terms.
- **Business Planning:** Formulated business plans to drive growth and minimize costs.
- **Strategic Design:** Designed business strategies to achieve short-term and long-term company goals.
- **Issue Resolution:** Identified and resolved operational issues affecting productivity, performance, or profitability.

▪ **Raw Mills and Crushers Chief | Al Jouf Cement Company (AJCC) - Saudi Arabia**

Sep 2019 - May 2022

Key Highlights:

- **Maintenance and Operations:** Contributed to sustaining maintenance, operation, and performance improvement of mills and crushers.
- **Operational Optimization:** Partnered with the management team to optimize operations and reduce costs.
- **Staff Management:** Directed staffing requirements, managed priorities, and coordinated workflows to uphold productivity objectives.
- **Performance Monitoring:** Monitored operations to assess and highlight result

Employee Development: Improved operations by implementing training and development sessions into employee schedules.

- **Issue Resolution:** Identified and resolved operational issues affecting productivity, performance, or profitability.
- **Team Performance:** Managed team performance, celebrating successes and identifying areas for improvement.
- **Hygiene Standards:** Cleaned work areas and equipment to maintain faultless hygiene standards.
- **Team Management:** Oversaw hiring, training, and professional growth of employees.

▪ **Area Chief (Cement Mills & Roller Press) | Northern Region Cement (NRCC) - Saudi Arabia**

Nov 2018 - Aug 2019

Key Highlights:

- **Performance Improvement:** Focused on improving the performance of cement mills.
- **Equipment Maintenance:** Serviced heavy-duty construction machinery and equipment.
- **Machinery Monitoring:** Monitored machinery performance to ensure safe and accurate excavation tasks.
- **Skill Development:** Quickly learned and applied new skills to daily tasks, enhancing efficiency and productivity.
- **Continuous Improvement:** Promoted continuous improvement by problem-solving and sharing suggestions to optimize team operations.
- **Efficiency Enhancement:** Improved efficiency and productivity by acquiring and applying new skills.
- **Critical Thinking:** Used critical thinking to break down problems, evaluate solutions, and make informed decisions.

▪ **Shift Leader (2000 TPD Production Line-2 for White Cement) | Northern Region Cement (NRCC)- Saudi Arabia Nov 2017 - Nov2018**

Key Highlights:

- **Production Conversion:** Contributed to converting production line #2 from gray cement to white cement.
- **Employee Training:** Trained and mentored new employees to maximize team performance.
- **Task Management:** Assigned tasks, projects, and responsibilities to team members and monitored their status.
- **Workplace Safety:** Improved workplace safety to reduce accidents and near-misses.
- **Employee Support:** Answered questions and resolved employee complaints.

▪ **Shift Leader (6000 TPD Production Line-1 for Gray Cement) | Northern Region Cement (NRCC) - Saudi Arabia Nov 2008 - Nov 2017**

Key Highlights:

- **Staff Management:** Managed staff schedules, ensuring required coverage to meet shift needs within budget.
- **Policy Updates:** Updated staff on changes to internal policies and procedures for continued compliance and standardization.
- **Supervision and Safety:** Supervised activities of workers and enforced safety regulations.
- **Safety Compliance:** Observed worker activities to assess safety compliance and identify enforcement gaps.
- **Workplace Safety Improvement:** Improved workplace safety to reduce accidents and near-misses.
- **Staff Training:** Managed and trained staff, providing strategic solutions to enhance performance.

▪ **Shift Leader (4500 TPD Five Stages Preheater, Grate Cooler) | Misr Cement (QENA) E.S.C. (MCC) – Egypt Mar 2006 - Nov2008**

Key Highlights:

- **Team Evaluation:** Evaluated team outputs and delivered constructive feedback to aid professional development.
- **Work Direction:** Directed the work of laborers and specialist team members to produce quality results.
- **Supervision and Safety:** Supervised activities of workers and enforced safety regulations.
- **Employee Support:** Answered questions and resolved employee complaints.
- **Activity Logging:** Logged daily activities and notable incidents during production shifts.

▪ **Mining Engineer (4500 TPD Five Stages Preheater, Grate Cooler) | Misr Cement E.S.C. (MCC) – Egypt Mar 2003 - Mar 2006**

Key Highlights:

- **Record Maintenance:** Maintained records of mine production and performance.
- **Resource Management:** Directed water, oil, and gas treatment, storage, and transportation.

- **Method Selection:** Selected mining and extraction methods and equipment to meet requirements.
- **Safety Standards:** Established safety standards and procedures for mining operations.
- **Performance Analysis:** Analyzed mining production rates to evaluate operational performance.
- **Team Management:** Managed teams by overseeing hiring, training, and professional growth of employees.
- **Target Achievement:** Completed duties to deliver on targets with accuracy and efficiency.

EDUCATION & CREDENTIALS

Egypt- Assiut University

Bachelor's Degree

Mining and Metallurgy of Engineering 2001