

MAHMOUD ASHRAF MOFEED

FLEET MAINTENANCE & DEMAND PLANNING SUPERINTENDENT

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SUMMARY

Results-driven and innovative professional with extensive expertise in fleet maintenance, demand planning, and reliability engineering. Proven ability to optimize maintenance operations, implement effective Material Requirements Planning (MRP) systems, and develop demand forecasting strategies. Skilled in budgeting, cost tracking, and decision-making for fleet acquisition and financing. Adept at leading cross-functional teams, ensuring compliance with health and safety regulations, and leveraging SAP systems for maintenance and material management. Strong technical background in electrical engineering, with hands-on experience in troubleshooting, repair, and maintenance of heavy equipment.

Fleet Maintenance and Demand Planning Superintendent

Al-Shalawi international company for trading & contracting, Dammam-Saudi Arabia

September 2023-Present

- Ensure compliance with all health and safety regulations within the workshop.
- Developed an MRP system based on 3-year consumption data, establishing min/max and re-order point policies for consumable spare parts (filters, belts, batteries, tires, etc.).
- Designed and implemented preventive and corrective maintenance plans for equipment across all sites, ensuring timely execution and follow-up.
- Prepared quarterly demand forecasting plans for multiple sites, including main workshops, NEOM, crushers, ready mix, asphalt plants, and Aramco projects.
- Monitored and controlled maintenance budgets by tracking PR/PO status for spare parts, CAPEX, OPEX, and services, while analyzing spare parts consumption rates.
- Advised on fleet acquisition strategies and financing methods to optimize fleet stability and cost-efficiency.
- Actively participated in maintenance, procurement, project, and finance meetings to align operational and financial objectives.

Fleet Maintenance Planning and Reliability Engineer, Suez Steel Company, Suez-Egypt

February 2022 to September 2023

- Ensured adherence to health and safety regulations in the workshop.
- Tracked maintenance expenses, evaluated repair cost estimates, and monitored PR/PO status for spare parts, CAPEX, and OPEX.
- Contributed to fleet acquisition decisions and financing strategies.
- Analyzed spare parts consumption rates to optimize inventory management.
- Played a key role in SAP implementation, including Plant Maintenance (PM) and Material Management (MM) modules.
- Utilized SAP Analytics Cloud for data warehousing and project system management.
- Created and maintained warehouse and PM master data.

Electrical Field Service Engineer, Mantrac Egypt Caterpillar Dealer, Suez -Egypt

August 2018 to January 2022

- Executed work orders and dispatch schedules for Caterpillar equipment, including loaders, graders, excavators, dozers, gen-sets, mining trucks, and industrial engines.
- Conducted on-site troubleshooting, diagnostics, and repairs using Caterpillar Electronic Technician (ET) tools.
- Prepared detailed service reports and obtained customer approvals post-inspection.
- Ensured strict adherence to safety protocols and proper use of safety equipment during field operations.

Electrical Maintenance Engineer, Misr Iran Textile Company (MIRATEX), Suez-Egypt

November 2017 to March 2018

- Performed troubleshooting, repair, and maintenance of electrical equipment, ensuring optimal performance.
- Identified malfunctions, disassembled equipment, and replaced or repaired components as needed.

Electrical Maintenance Engineer, El-Saady Factory for Wooden & Metal Industries, Suez-Egypt

February 2017 to September 2017

- Performed troubleshooting, repair, and maintenance of electrical equipment, ensuring optimal performance.
- Identified malfunctions, disassembled equipment, and replaced or repaired components as needed.

Education

New Cairo Academy Faculty of Engineering bachelor's degree 2011-2016 Cairo-Egypt B.Sc.

Electrical Power Engineering with Good General Total Grade (2.02 GPA)

Graduation Project (Electrical Distribution) with Excellent project Grade.

Skills

- Demand Planning & Forecasting
- Material Requirements Planning
- Maintenance Planning
- Classic Control
- P.L.C LADDER Programming
- Project Management
- Reliability
- Preventive Maintenance
- Risk Management
- Technical Writing
- Budgeting & Cost Control
- SAP

Courses

- Caterpillar Basic Electrical, Electric Power Generation & Synchronization Systems
- Caterpillar Electronic Technician (ET)
- Caterpillar Basic Diesel Engine, HEUI & MEUI Systems, Common Rail Fuel Systems, ACERT Engines
- Caterpillar Basic Powertrain & Hydraulics
- Contamination Control Awareness and Safety
- Caterpillar Service Information System (SIS)
- Classic Control, PLC Programming, SCADA, HMI, and Electrical Distribution (Jelecom Egypt)

Links URL



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