

Kareem Mostafa Ismail

Equipment and Maintenance Manager

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Address: Saudi Arabia – Riyadh

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Summary

Accomplished Maintenance Manager with over 10 years of progressive experience in managing heavy equipment, trucks, and fleet maintenance operations. Proven track record in reducing downtime, optimizing asset lifecycle, leading cross-functional teams, and implementing preventive maintenance strategies aligned with corporate goals.

Education

Bachelor's Degree in Mechanical Power Engineering – Helwan University – Egypt, 2014

Professional Experience

Advanced Construction Company for Contracting and Maintenance - Saudi Arabia – Jeddah

Maintenance Manager [From Feb 2024 to Present]

- Supervised the team of engineers and supervisors in the maintenance and repair of heavy equipment.
- Managed around 850+ assets lifecycle and depreciation accounts
- Oversaw recruitment and assignments of engineers, supervisors, and technicians in collaboration with the HR department.
- Conducted studies for new projects and evaluated equipment rental vs. purchase options to determine the most cost-effective solution.
- Managed spare parts and oil inventory across all company projects using an asset management system.
- Analyzed equipment performance KPIs and implemented corrective actions to improve reliability and reduce downtime.
- Integrated equipment tracking systems to monitor runtime, fuel consumption, and location for optimized maintenance scheduling.

- Prepared annual maintenance budgets, tracked expenses, and identified cost-saving opportunities through better spare parts management.
- Set up monthly KPI tracking for maintenance activities to evaluate performance and take data-driven decisions.
- Conducted technical training sessions for junior engineers and technicians to improve diagnostic and repair skills.
- Monitored and ensured compliance with updated regulations from the Traffic and the Transport General Authority across all equipment to avoid the violations
- Established a follow-up system to ensure timely completion of maintenance tasks and repairs across all projects.

Maintenance Engineer [From Nov 2015 to Feb 2024]

- Carrying out the maintenance for various heavy equipment, vehicles, generators, and screw compressors.
- Diagnosing mechanical, electrical, and hydraulic faults.
- Carrying out complete overhauls for engines, transmissions, and hydraulic pumps.
- Dealing with different brands of equipment such as CAT, JCB, XCMG, ZOOMLION, LONKING, SUNWARD, BOBCAT, FAW, TATA, CAMC, UD TRUCKS, KESEAR COMPRESSORS, METS ENERGY - FGWILSON GENERATORS.
- Dealing with different brands of engines, transmissions, and hydraulic circuits such as CAT, PERKINS, KUBOTA, SHANGAI, CUMMINS, YANMAR, JCB, ZF TRANSMISSIONS, REXROTH.
- Using different software and platforms for updating and diagnosing such as OBD systems, Deep Sea, JCB Link, CAT SIS, ZOOMLION SOFTWARE.
- Lead and manage the maintenance department, ensuring all heavy lift equipment for both trucks and cranes are properly maintained and in optimal working condition.
- Regular coordination with the procurement teams regarding the procurement of equipment spare parts.
- Develop and implement maintenance strategies, policies, and procedures to maximize equipment performance, minimize downtime, and enhance overall efficiency.
- Monitor the preventive maintenance of the machines and ensure that it is implemented according to the recommendations.
- Managing procurement of equipment maintenance spare parts and ordering them in advance to minimize breakdowns.
- Perform a complete rebuild of long-haul stored machines.

Skills

Technical Skills

- Preventive & Corrective Maintenance
- Hydraulic and Pneumatic Systems
- Engine Overhauling (Diesel Engines)

- CAT SIS (Service Information System)
- JCB Live Link
- OBD Systems Diagnostics
- Deep Sea Controller Configuration
- Hilti OnTrack
- Microsoft Office (Excel, Word, PowerPoint)
- AutoCAD 2D
- ZF TestMan

Professional / Soft Skills

- Maintenance Planning and Scheduling
- Equipment Lifecycle Management
- Budgeting and Cost Control
- Asset Utilization Optimization
- KPI Monitoring and Analysis
- Problem Solving
- Leadership & Team Management
- Decision Making
- Time Management
- Communication Skills
- Cross-Department Coordination (HR, Procurement, Accounts)

Languages

- Arabic
- English