

Essam Ramadan Khalil

Mechanical Automotive Engineer | Head of Maintenance | Fleet & Operations Leader

Location: Dammam, Saudi Arabia

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PROFESSIONAL SUMMARY

Results-driven Mechanical Automotive Engineer with over 18 years of experience in maintenance management, fleet operations, and workshop leadership across Saudi Arabia and Egypt. Proven track record of managing fleets exceeding 2,700 assets, achieving up to 70% cost reduction, and maintaining asset availability above 95%. Expertise in CMMS systems, preventive, predictive maintenance. OPEX/CAPEX optimization, KPI development, and HSE compliance.

CORE COMPETENCIES

- Strategic Fleet & Asset Lifecycle Management
- CMMS & SAP PM Systems
- Preventive, Corrective & Predictive Maintenance
- OPEX & CAPEX Budget Control
- KPI Development & Performance Monitoring
- Vendor & Contract Management
- Spare Parts & Inventory Optimization
- HSE Compliance & Risk Management
- Team Leadership & Technical Training

PROFESSIONAL EXPERIENCE

Head of Maintenance Department

Al-Yamama Water Company – Dammam, KSA | May 2024 – Present

- Lead maintenance operations for 2,700+ vehicles, heavy equipment, and facilities.
- Achieved 50% maintenance cost reduction while maintaining 95% asset availability.
- Develop maintenance strategies, budgets, KPIs, and manpower planning.
- Implement CMMS-based preventive maintenance programs.
- Oversee vendor contracts and external service providers.
- Drive continuous improvement initiatives to enhance reliability and efficiency.

Fleet Manager

Ertekaa Integrated Services & Waste Recycling – Egypt | June 2020 – May 2024

- Managed full fleet operations for 700+ vehicles and heavy equipment.
- Reduced operational costs by 70% through strategic maintenance planning.
- Reduced downtime by 5% via structured preventive maintenance programs.
- Optimized fuel consumption and spare parts inventory.
- Ensured full compliance with safety and environmental regulations.

Workshop Manager

Al-Yamama Company – Dammam, KSA | June 2014 – Dec 2020

- Managed workshop operations, manpower planning, and shift supervision.
- Controlled workshop budget and improved spare parts inventory efficiency.
- Conducted annual performance evaluations and technical training.
- Ensured compliance with quality and safety standards.

Workshop Supervisor

Alhamrany United Group (Nissan-KSA) – Riyadh | March 2007 – June 2014

- Supervised workshop productivity, repair quality, and customer satisfaction.
- Diagnosed complex mechanical issues and ensured repair excellence.
- Participated in regional Nissan technical training programs.
- Supported labor forecasting and workshop utilization planning.

EDUCATION & CERTIFICATIONS

- B.Sc. Mechanical Engineering (Automotive) – Helwan University (2006)
- PMP Exam Preparation – Joseph Phillips
- Certified Service Manager – Nissan Middle East
- Certified Master Service Advisor – Nissan Middle East
- Advanced Hydraulic & Electrical Training – Putzmeister

PROFESSIONAL AFFILIATIONS

- Saudi Council of Engineers – Membership No. 48055
- Engineers Australia – Professional Engineer Membership No. 5707574
- Egyptian Engineers Syndicate – Membership No. 11/5406409/2006/3

TECHNICAL SKILLS

- Microsoft Office (Excel, Word, PowerPoint)
- CMMS Systems & Fleet Management Software
- SAP PM

LANGUAGES

- Arabic – Native
- English – Professional
- German – Basic