

Samih Adel Hassan Abdalazeez

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Senior Engineering Manager | Maintenance Execution & Reliability Specialist

Polymer Plants | Rotating & Static Asset Integrity | Reliability Engineering | Turnaround Management

Professional Profile

Results-driven Senior Engineering Manager and Reliability Specialist with over 18 years of experience leading maintenance execution, physical asset management (CAMA), and EHS compliance across the downstream energy and commercial infrastructure sectors. Proven expertise in driving maintenance strategies (PM/PdM/RCM), orchestrating complex shutdowns and turnarounds, and maintaining seamless operations interfaces to maximize facility availability and restore flow. Adept at managing multi-million SAR operational budgets, controlling contractor performance, and embedding PTW/LOTO protocols to maintain zero-incident environments. Expert in utilizing CMMS (eMaint/Oracle R12) and Root Cause Analysis (RCA) to eliminate chronic failures and optimize operational cost metrics.

Achievements and Accomplishments

- **Operational Cost Optimization:** Engineered brand asset restructuring, achieving a 55% reduction in CAPEX and 22% lowering of OPEX without compromising system reliability or quality standards.
- **Reliability & Availability Enhancement:** Cut Mean Time to Repair (MTTR) by 38% and sustained 97% overall equipment availability across downstream retail and depot assets.
- **Digital Maintenance Transformation:** Spearheaded end-to-end integration of eMaint CMMS with Oracle R12, automating work order workflows, KPI tracking, and resource planning.
- **Asset Integrity & Safety Excellence:** Mitigated fuel contamination risks by 75% and reduced workplace safety incidents by 15% through rigorous PTW, LOTO, and visual inspection systems.
- **Turnaround & Project Execution:** Reduced project delivery and turnaround durations by 27% through Lean methodology, stringent contractor management, and comprehensive scope validation.

Core Competencies

- **Maintenance Execution & Strategy:** Reliability-Centered Maintenance (RCM), Preventative & Predictive Maintenance (PM/PdM), Asset Lifecycle Management, KPI Tracking.
- **EHS & Quality Governance:** EHS Leadership, PTW & LOTO Enforcement, NEBOSH IGC, Standard Work Instructions (SWIs), Visual Quality Management, RCA & Failure Elimination.
- **Operations & Turnaround Control:** Operations Interface Alignment, Shutdown & Turnaround Planning, Availability & Recovery Optimization, Emergency Call-Out & Manpower Planning.
- **Contractor & Financial Control:** Contractor Scope Definition & Performance Oversight, SLA/LTA Management, CAPEX/OPEX Budgeting, Cost Control & Recovery Plans.
- **Digital Transformation & CMMS:** eMaint CMMS Implementation, Oracle R12 ERP Integration, Power BI Data Analytics, Automated Maintenance Workflows.

Professional Experience

Oman Oil Marketing Company (OOMCO-KSA)

Engineering Manager | Aug 2023 – Current

- **Maintenance Execution & Leadership:** Provide direct leadership for multi-disciplinary maintenance execution teams and engineers across regional assets, controlling manpower deployment, overtime schedules, and emergency call-out responses.
- **EHS & Compliance Leadership:** Enforce strict adherence to EHS regulations, Permit to Work (PTW), and Lockout/Tagout (LOTO) protocols; direct incident/near-miss investigations and close out corrective actions.
- **Operations & Production Alignment:** Maintain a robust interface with plant operations to prioritize critical work requests, maintain high equipment availability, and rapidly restore process flow to achieve production targets.
- **Contractor & Budget Control:** Formulate, supervise, and validate contractor scopes of work, safety adherence, and execution schedules; manage multi-million OPEX/CAPEX budgets with actionable cost recovery plans.
- **Maintenance Strategy & RCA:** Lead PM/PdM/RCM strategy implementation and KPI tracking; facilitate Root Cause Analysis (RCA) for chronic failures, achieving a 97% asset reliability benchmark.

Oman Oil Marketing Company (OOMCO)

Assistant Maintenance Manager | May 2016 – July 2023

- **Strategy & Digital Governance:** Championed eMaint CMMS integration with Oracle R12, automating work management processes, PM scheduling, and real-time maintenance performance reporting.
- **Turnaround & Shutdown Management:** Led turnaround planning, readiness reviews, and execution control across downstream facilities, achieving 98% of maintenance targets on schedule.
- **Failure Elimination & MTTR Reduction:** Decreased MTTR by 38% through standardized scope-of-work pricing frameworks, long-term contractor agreements (LTAs), and RCA-driven corrective actions.
- **Quality & SWI Standardisation:** Established Standard Work Instructions (SWIs) and visual quality management systems to guarantee 100% compliance with regulatory and customer specs.

Maintenance Engineer | March 2014 – April 2016

- **Contractor Supervision & Scope Definition:** Negotiated and managed the company's first 5 annual maintenance contracts (AMCs), standardizing contractor safety, quality, and performance guidelines.
- **Resource & Facility Planning:** Coordinated preventive maintenance programs across 180 operational sites, guaranteeing 90% asset availability and 89% operational uptime.
- **Safety Protocols:** Enforced PTW/LOTO compliance across field contractor crews, cutting site incidents by 15% and raising safety audit compliance by 25%.

PETRONAS Marketing Sudan (PMSL)

Executive Maintenance Engineer | March 2013 – Feb 2014

- **Maintenance & Resource Planning:** Formulated asset management and preventive maintenance plans that improved facility operating efficiency by 20% and extended asset service life by 15%.
- **Cost Recovery & Budgeting:** Implemented rigorous cost control strategies, delivering a 20% operational budget saving while ensuring full alignment with business goals.

Aviation & Maintenance Supervisor | Feb 2012 – Feb 2013

- **Operations Interface & Quality Assurance:** Ensured 100% compliance with international JIG/PTS standards; maintained continuous interface with aviation ops to eliminate equipment downtime.
- **RCA & Reliability:** Directed daily field engineering maintenance, increasing system reliability by 20% through schedule-aligned PM/PdM activities.

Depot Operations Supervisor | June 2009 – Jan 2012

- **Process Flow Optimization:** Redesigned depot process flows, driving a 20% boost in efficiency and improving fuel quality control by 17%.
- **Turnaround & Emergency Response:** Supervised terminal turnaround maintenance, managing emergency call-outs and manpower deployment to secure uninterrupted fuel supply.

Fleet Safety Engineer | *Nov 2007 – May 2009*

- **Transport Safety & Contamination Control:** Developed strict transport inspection procedures, resulting in a 75% reduction in contamination cases and a 15% decrease in transport incidents.

Education & Qualifications

- **MSc in Engineering Management (MEM)** | University of Hull, UK | Graduated: 2023
- **BSc in Mechanical Engineering (Power)** | Sudan University of Science & Technology | Graduated: 2006

Licenses & Certifications

- **Data Analysis Diploma (Excel & Power BI)** | Engineering Tracks | 2025
- **Certified Asset Management Assessor (CAMA)** | World Partner in Asset Management (WPiAM) | 2024
- **CMI Level 7 Certificate in Strategic Management & Leadership Practice** | Chartered Management Institute, UK | 2023
- **Certified Maintenance & Reliability Professional (CMRP)** | Society of Maintenance & Reliability Professionals (SMRP) | 2025
- **National Examination Board in Occupational Safety and Health (IGC)** | NEBOSH | 2016

Additional Information

- **Languages:** Arabic (native); English (fluent)