

equipment inspection, and reliability improvement across industrial and marine sectors. Skilled in developing maintenance strategies, conducting root cause analysis (RCA), and optimizing equipment performance to enhance operational efficiency and reduce downtime. Experienced in managing calibration, certification processes, and compliance with safety standards, including work on breathing apparatus and industrial gas systems. Certified in Basic First Aid and actively contributing to workplace safety as a First Aider. Member of the Saudi Council of Engineers (SCE) with a strong commitment to driving maintenance excellence, reliability, and continuous improvement.

KEY COMPETENCIES

- Reliability Engineering
 - Preventive Maintenance
 - Predictive Maintenance
 - Root Cause Analysis (RCA)
 - Maintenance Strategy
 - Equipment Inspection
 - Asset Management
 - Safety Compliance
 - Calibration
 - Data Analysis
 - AutoCAD, Solidworks
 - Inventory Management
 - Workshop Tools Management
 - Teamwork
 - First Aid
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PROFESSIONAL EXPERIENCE

Mechanical Engineer - Specialized Services - Services Dep

Sea Safety Marine Services (SSMS), KSA Branch | May 2023 – Present

- Oversee and manage the tracking of all inbound and outbound client assets within the SOLAS workshop, including industrial gas cylinders, breathable air cylinders, and safety equipment such as EEBD, SCBA, and ELSA units, ensuring accurate inventory control and compliance with safety standards.
- Coordinate the receipt and inspection of refilled industrial cylinders from third-party vendors, ensuring they meet operational requirements and safety specifications before integration into the company's inventory.
- Monitor and evaluate the performance of technicians through task-oriented supervision, ensuring adherence to technical protocols and timely completion of assigned duties.
- Maintain and organize critical documentation, including journey management reports, offshore and land rig activity reports, and calibration certificates, ensuring efficient record-keeping and compliance with industry standards.
- Supervise and ensure the proper implementation of safety and technical protocols within the workshop, focusing on operational efficiency and compliance with safety regulations.

HVAC Engineer

Affli Contracting Company – Khobar Branch | May 2021 – April 2023

- Designed and implemented HVAC systems for both private and commercial buildings utilizing AutoCAD software to ensure precision and compliance with technical specifications.
- Conducted regular inspections and maintenance of mechanical systems, including CNC machines, auto-line machines, air dampers production equipment, and general power tools, ensuring operational efficiency and safety standards were met.
- Led the integration of a Kanban system for inventory tracking and materials management, facilitating optimized stock control and effective material segregation across workshop operations.
- Developed and executed long-term reliability strategies, focusing on predictive and preventive maintenance approaches, which significantly enhanced system performance and reduced operational downtime.
- Coordinated the procurement, inspection, and testing of materials and equipment to be used in client projects, ensuring quality standards and compliance with client requirements.

Field Engineer (COOP)