AHMAD MUAFA

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PROFESSIONAL SUMMARY

Experienced Mechanical Technician with approximately 2 years of hands-on expertise in preventive and corrective maintenance, troubleshooting, and operation of single/three-phase generators, pumps, motors, and industrial equipment across water, wastewater treatment (NWC), and infrastructure environments. Proficient in diagnosing faults, ensuring plant reliability, and strict adherence to HSE standards.

PROFESSIONAL EXPERIENCE

Mechanical Technician – **Ayan Group**

- Executed O&M activities at desalination and wastewater treatment plants in partnership with National Water Company (NWC).
- Performed preventive & corrective maintenance on single/three-phase generators, pumps, motors, and mechanical assets.
- Conducted inspections, troubleshooting, and basic repairs to minimize equipment downtime and boost operational reliability.
- Strictly followed HSE procedures, work instructions, and safe maintenance standards during field activities.

Mechanical Technician – **Mofarreh Al-Harbi Contracting**

- Supported mechanical installations, pipeline connections, and maintenance across infrastructure and construction projects for Saudi Aramco and the Royal Commission (RC).
- Assisted with site facility management and mechanical maintenance to ensure uninterrupted site operations.
- Collaborated with engineering and project teams following site safety requirements and standard work procedures.

Machine Operator – **Industrial Facility**

- Operated production machinery, monitored performance metrics, and reported operational abnormalities to maintenance teams.

Technical Trainee – **STC**

- Received practical training on ATS (Automatic Transfer Switch) panels, electrical power distribution, and operational systems.

EDUCATION

Diploma in Mechanical Engineering – Jazan University

CERTIFICATIONS & TRAINING

- HSE (Health, Safety & Environment) Course
- Occupational Safety & Health Course

CORE SKILLS

Mechanical Maintenance, Preventive & Corrective Maintenance, Mechanical Troubleshooting, Single & Three-Phase Generators, Pumps & Motors, Equipment Inspection & Repair, Desalination & Wastewater Treatment Plants (NWC), Pipeline Installation, Facility Management, Workplace Safety (HSE).

LANGUAGES

Arabic: Native | **English:** Basic