

# **Abdelhalim DJERIBIAI**

## **Mechanical Maintenance Technician**

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### **SUMMARY**

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Mechanical Maintenance Technician with a Master's degree in Mechanical Engineering and over 6 years of experience in the oil and gas industry, specializing in preventive and corrective maintenance of rotating and static equipment, with strong expertise in reliability improvement, troubleshooting, and HSE compliance (PTW, JSA).

### **WORK EXPERIENCE**

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#### **SONATRACH - CEPSA RHOURDE EL KHROUF, ALGERIA**

##### **Mechanical Maintenance Technician | Aug 2021- Present**

Performed preventive, corrective, and predictive maintenance on rotating and static equipment, including:

- Compressors: Reciprocating (Superior SW76, Nuovo Pignone 4SHM/3, Dresser-Rand) and Atlas Copco
- Pumps: Centrifugal, diaphragm, piston, screw, and blowers.
- Conducted troubleshooting, overhauls, and repairs to restore equipment to OEM standards, improving reliability and reducing downtime.
- Carried out preventive and corrective maintenance of static equipment such as valves, exchangers, Coolers, storage tanks, and vessels, with solid knowledge of chemical plant materials, including pipes, valves, gaskets, and fittings.
- Assisted in pre-commissioning and shutdown activities, including isolation checks, hydrostatic testing, system inspection, punch list verification, and readiness checks.
- Executed Site Acceptance Tests (SAT) for major equipment during overhauls, ensuring compliance with operational readiness procedures.
- Managed and coordinated multiple plant shutdowns, enforcing safety procedures, job plans, and compliance with HSE standards.
- Utilized SAP PM for job planning, work management, and maintenance reporting.
- Collaborated with external service providers on major overhauls: Copper Machinery Services, Endyn, Enerflex Ltd.
- Ensured safe execution of critical maintenance and start-up operations through PTW (Permit to Work) and JSA (Job Safety Analysis).
- Prepared detailed daily maintenance reports outlining faults, root causes, spare parts, manpower, and time used.

#### **Achievements:**

- Reduced equipment failure by 15% through predictive maintenance strategies.
- Supported successful shutdowns with zero safety incidents, meeting all operational readiness goals.
- successfully performed precision alignment on over 50 rotating machines using Easy-Laser.

## DODSAL ENGINEERING - CONSTRUCTION FZE, ALGERIA (AFRICA)

### Sand Plaster Supervisor | Jan 2018 – Mar 2019

Supervised a team of 8 operators, improving workflow and reducing project delays by 10%.

### Rigger | Mar 2017 – Jan 2018

Ensured safe lifting operations, equipment rigging, and adherence to safety standards.

## EDUCATION

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### Master's Degree (MSc) in Mechanical Engineering | 2013 – 2015

University of Mohamed Khider, Biskra – Algeria

### Bachelor's Degree (BSc) in Mechanical Construction | 2010 – 2013

University of Mohamed Khider, Biskra – Algeria

## TRAININGS & CERTIFICATIONS

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- **IAP SONATRACH** – Electrical Safety (B0, H0, HOV) | Sep 2025
- **IAP SONATRACH** – Chemical Product Risk & PPE | Jul 2025
- **APRUE** – Energy Optimization | Jan 2025
- **EWAMAX SPA** – Safety Valve Maintenance & Testing (API 526 & 576) | Sep 2024
- **DSS+ (Dupont)** – Risk Factors | Jun 2024
- **SONATRACH – CEPSA** – Job Safety Observations & Assessments | Oct 2022
- **SONATRACH HEH TRC** – Senior Mechanical Technician | Apr 2014

## TECHNICAL SKILLS

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- Job Planning and Team Coordination
- Safety Systems: PTW, LOTO, JSA
- Software: SAP PM, MS Office (Word, Excel, PowerPoint)
- Drawings: Technical diagrams, P&ID, Manuals
- Job Planning, Hydrostatic Testing, Team Coordination
- NDT Inspection: Level 1 in VT, MT, PT, UT

## LANGUAGES

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**Arabic:** First Language.

- **French:** Upper-Intermediate.

- **English:** Fluent