**HAMZAOUI AHMED ZAKARIA**

**Mechanical Technician – Rotating Machinery & Drilling**

📍 **Location:** Skikda, Algeria  
📞 **Phone:** +213670099193  
✉️ **Email:** hamzaouizakaria@hotmail.com  
🚗 **Driving License:** All categories

**PROFESSIONAL SUMMARY**

Versatile mechanical technician with over 8 years of experience specializing in the maintenance of rotating equipment (turbines, pumps, compressors) and drilling machinery. Skilled in diagnostics, preventive and corrective maintenance, laser alignment, and performance monitoring of industrial installations. Highly adaptable to demanding environments in the oil, gas, and drilling sectors.

**KEY SKILLS**

* Maintenance of gas and steam turbines (MS3001, MS5002, PGT25, LM2500)
* Borescope inspection and vibration analysis
* Laser alignment of rotating equipment
* Maintenance of centrifugal pumps and compressors
* Servicing Caterpillar engines (3512, 3508, 3506)
* Maintenance of top drives and mud pumps for drilling
* Hydraulics and precision mechanics
* Reading P&ID schematics and CMMS operation
* HSE compliance and technical reporting

**SOFT SKILLS**

✔ Effective communication  
✔ Teamwork and collaboration  
✔ Problem-solving  
✔ Organization and time management  
✔ Flexibility and adaptability

**PROFESSIONAL EXPERIENCE**

**June 2025 – Present**  
**Client:** Sinopec Drilling Company  
**Position:** Mechanical Technician – Drilling Rig Level 2

* Conducting preventive and corrective maintenance of diesel engines, mud pumps, and top drives
* Rapid diagnosis and repair of mechanical breakdowns
* Mechanical inspection, adjustment, and alignment of drilling systems
* Strict adherence to Sinopec HSE standards
* Preparing detailed technical reports
* Collaborating with the drilling team to reduce downtime

**June 2024 – Present**  
**Client:** SONATRACH RA1K / **Company:** SOMIK SPA  
**Position:** Mechanical Technician – Rotating Equipment

* Overhauling and repairing centrifugal pumps, steam turbines, and gas compressors
* Laser alignment of rotating equipment
* Maintenance of boiler fans and cooling air systems

**May 2024**  
**Client:** SONATRACH / **Company:** Somik SPA – GPL3 Zcina (Unit G06), Hassi Messaoud  
**Position:** Turbomachinery Technician – Gas Turbine Inspection

* Borescope inspection of axial compressor and combustion chamber
* Inspection of HP/BP nozzles and blades (1st & 2nd stages)
* Adjustment of Variable Stator Vanes (VSV)
* Inspection and cleaning of internal and external intake filters
* Using Olympus borescope and VSV nitrogen purge pump

**March – May 2024**  
**Client:** NAFTAL  
**Position:** Mechanical Technician

* General overhaul of Sulzer centrifugal pumps
* Replacement of mechanical seals and bearings
* Alignment and commissioning of repaired equipment

**February 2024**  
**Client:** SONATRACH STH Skikda / **Company:** SOMIK SPA  
**Position:** Mechanical Technician (Temporary Mission)

* Dial indicator alignment of centrifugal pumps
* Equipment commissioning and performance monitoring

**January 2024**  
**Client:** SONATRACH GNL1/Z, Arzew, Oran / **Company:** SOMIK SPA  
**Position:** Hydraulic Bolt Tightening Operator

* Hydraulic tightening of high-pressure bolts on industrial equipment

**June – November 2022**  
**RA/1K Refinery – Skikda**

* Overhaul and maintenance of turbines and centrifugal pumps
* Laser alignment of rotating machinery

**December 2019 – June 2022**  
**Client:** SONATRACH DP ALRAR, Illizi / **Company:** SOMIK SPA  
**Position:** Mechanical Technician – Turbomachinery

* Maintenance of MS3001, MS5002 turbines, and other rotating equipment
* Performance monitoring and optimization

**February – June 2018**  
**Client:** SONATRACH – Hassi R’mel GR4 / **Company:** Bonatti  
**Position:** Pre-Commissioning Technician – Gas Turbine SOLAR

* Oil flushing, air blowing, and final alignment
* Preparing equipment for commissioning and replacing filters

**December 2015 – November 2017**  
**ENAFOR (National Drilling Company) – Algeria**  
**Position:** Mechanical Technician – Drilling Rig

* Maintenance of Caterpillar engines, mud pumps, and top drives
* Troubleshooting and emergency repairs of drilling equipment

**EDUCATION & CERTIFICATIONS**

🎓 **Technician in Drilling Rig Mechanics** – CFP Hassi Messaoud (2018)  
📜 **Turbine Maintenance PGT25, PGT25+, GG LM2500, LM2500+** – IAP Boumerdès (2022 – present)  
📜 **First Aid** – Algerian Red Crescent (2017)  
📜 **Driver’s Logbook Training** – CNFPA Distance (2021)  
📜 **Drilling Mechanic Recognition Certificate** – ENAFOR / Sonatrach (2015-2017)

**LANGUAGES**

🗣️ Arabic: Fluent  
🗣️ French: Fluent  
🗣️ English: Good

**INTERESTS**

🎯 Hiking | ⚙️ Mechanical Technology | ✈️ Travel | 🤝 Volunteering | 📖 Reading