

# Mohammed Salah Marzouki

Mechanical Supervisor



## Personal Information

**Date of Birth**  
17-10-1958

## Skills

Asset management



Time Management



Maintenance strategy development



Failure troubleshooting



Safety Leadership



## Experience

### Mechanical engineer

*Tunisian Marine, Mechanical team (1985- 2002)*

Energy department Leader on board military boats

- Maintenance Engineer in Tunisian marine work shop MTU reciprocating diesel engine 5000 hp 20 cylinder overhaul operation,
- Preventive and predictive maintenance, lifting operations, alignment, revamping,
- Careenage operations of different boats
- Corrosion analysis and control CND (UT, magneto), oxidation-reduction problems
- Painting technique and procedure
- Material management (Stock mini and critical spare parts)
- Logistic manager of naval base

### Night Shift Leader

*American & German electrotechnic manufactory (2002 - 2007)*

- Transformer manufacturing process,
- Spark plugs for BMW & Audi vehicle manufacturing process,
- Robotic Winding Machines maintenance,

### Mechanical Supervisor

*Petrofac Tunisia (2007 - 2018)*

- *Commissioning & Start-up of CPF Chergui Gas Field Kerkennah island (800 000 Nm3)*
- *Punch list clearing and process improvement and Development of maintenance strategy*
- *Critical spare parts management*
- *Rotating equipment and structural vibration survey and IR thermograph survey*
- *PSV's calibration and repair Ball valves, Gate valves...*
- *Gas engine maintenance, Screw compressors maintenance and Reciprocating compressors maintenance*
- *Fire water pumps maintenance*
- Centrifugal and positive displacement pumps overhaul
- Reboiler and water heater monitoring and repair
- Power generation(engines & alternators) monitoring and repair
- Electrical motors monitoring and repair
- Welding and fitting operations attendance
- *Asset management, maintenance scheduling*
- *Process packaged, rotating, static, hydraulic and pneumatic system (ESD, PSV, s), HVAC*
- *System, material handling, lifting equipment, safety equipment*
- *Mechanical maintenance implementation program*
- Monitoring Welding / NDT Apps / Pipeline & Heat Treatment inspection
- Risk assessment preparation and application of standards: ANSI; ASME; API,NFPA
- Lifting plan preparation and Lifting operation supervision
- Integrity work(corrosion monitoring, surface preparation and painting)
- Operations monitoring and attendance Excavation operation attendance
- Pigging operation attendance
- Mechanical fails analysis and repair and Root cause analysis report preparation
- Alignment of rotating equipment using TKSA laser device or Dial gauge
- Fire fighting system and deluge system repair
- Maintenance job plan and procedure preparation

## Language

English

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German

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French

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Arabic

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## IT Skills

Microsoft Tools

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CMMS

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CAD Tools

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## Mechanical Supervisor consultant

*Perenco Tunisia LTD (2018 - Present)*

- Overhaul and maintenance of Waukesha VHP engines
- Overhaul and maintenance of Dresser Compressors
- Maintenance of Air compressors (Compair/ Atlas copco)
- Maintenance of pumps( Orletta/ HMD/Alweiler ....)
- Maintenance of Perkins Generator
- Maintenance of AXIMA refrigerant unit
- Maintenance of HVAC system
- Maintenance of WHCP
- Maintenance of XMS trees
- Material management

## Trainings

- Fire fighting & NBC training (France, USA, Germany)
- Boarding training (Marines training team, U.S.). MTT.
- Training on board US Navy VI Fleet USS Nimitz (CVN-68) (330 m/76 m)  
Propulsion: Westinghouse A4W nuclear reactors, Steam Turbine  
Aircraft carried: 90 fixed wing and helicopters antisubmarine
- Training on board French navy units AVISO type A69 antisubmarine
- Propulsion: MTU Diesel motors 6000 hp

- Torpedoes catapult
- Gas Engine Technology GET (WAUKESHA)
- Ultrasound flow meter (FLEXIM)
- Control valves maintenance training (VALTEC)
- Manual handling \_Assessor

### Petrofac Trainings

- Control of work /Permit to work / Job safety analysis/ORO/TRA
- Methanol Awareness &ISSOW level 1
- Safe isolation and Reinstatement of plant(SIRP) isolation standard
- COSHH appreciation
- Failure analysis & reliability of equipment
- SOLOGIC (Root Cause Analysis)
- Safety Leadership training.
- Scaffolding inspection
- Alignment with TKSA laser device
- Safety leadership work shop training
- NEBOSH course

## Education

**Tunisian Navy Academy:** Mechanical engineering diploma

**Germany TMS:** Boat Technical Officer diploma

**German Federal Language service:** German language certification Level 3