

Holds a B. Sc. in Mechanical Power Engineering and has over 9 years of experience in the oil and gas industry, specializing in rotating equipment, preventive maintenance, and mechanical planning. Proven success in optimizing maintenance strategies, improving asset reliability, and reducing operational costs through effective use of CMMS (GMS – Global Maintenance Solution). Experienced in working with BP's safety and integrity standards across major oilfield and gas turbine operations.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 20/08/1992
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Power Engineering, Mansoura University, 2016

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office, Internet
: CMMS: GMS (Global Maintenance Solution)
: AutoCAD
: IRIS Reporting System

TRAINING COURSES AND CERTIFICATIONS

: BP HSE and Process Safety Courses: IOGP Lifesaving Rules, OMS 7.1, Process Safety Management, Fatigue Management, Control of Work, and Behavioral Safety.
: Technical Courses: Bolt Torqueing & Tensioning (EGY TORQ), Piping Vibration, Small Bore Tubing (Swagelok), Flexible Hose Awareness, Hydrogen Sulfide (H2S) Awareness, Manual Handling, Working at Height, Confined Space Entry, Nitrogen and Noise Awareness.
: AutoCAD 2D
: ICDL
: GMS (Global Maintenance Solutions)

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2023 till now
Employer : BP
Project : WND, Egypt
Job title : Rotating Equipment Specialist
Job Description :

- Lead maintenance and reliability activities for all rotating and static assets under WND operations.
- Utilize GMS CMMS for planning, scheduling, and execution of preventive and corrective maintenance.
- Conduct root cause analysis for failures and recommend technical improvements.
- Coordinate with OEMs, vendors, and internal maintenance teams to ensure asset integrity.
- Implement maintenance strategies that align with BP's safety and performance goals.

Dates : From May 2020 till 2023
Employer : BP
Project : WND, Egypt
Job title : Mechanical Planner / Mechanical Engineer
Job Description :

- Planned and executed maintenance activities safely and efficiently across BP assets.
- Developed and implemented comprehensive Maintenance Work Instructions (MWI).
- Led a cost optimization project reducing HMI upgrade cost from £800,000 to under £170,000.
- Supported continuous improvement initiatives to increase maintenance productivity.
- Ensured full compliance with BP's OMS and Process Safety standards.

Dates : From Jul. 2018 till Apr. 2020
Employer : GS E&C
Project : ERC (Egyptian Refinery Company) - Commissioning Refinery Project, Mostorod
Job title(s) : Commissioning Rotating Engineer
Job Description :

- Performed alignment, motor solo run (MSR), and mechanical run tests (MRT) for pumps and compressors.
- Conducted preventive and corrective maintenance for rotating equipment including turbines and pumps.
- Collected and analyzed vibration data for rotating assets to assess condition.
- Prepared technical reports on mechanical health and performance.

Dates : From Feb. 2018 till Jun. 2018
Employer : Dar Elamar – GS E&C
Project : ERC (Egyptian Refinery Company), Mostorod

Job title : Mechanical Engineer (pre-commissioning)

Job Description :

- Supervised preservation and protection of rotating equipment during pre-commissioning.
- Ensured mechanical integrity through inspections and compliance with vendor procedures.
- Managed documentation of pre-commissioning activities and punch-list resolution.

Dates : From Jan. 2017 till Jan. 2018

Employer : Orascom – GS E&C

Project : ERC (Egyptian Refinery Company), Mostorod

Job title : HSE Supervisor

Job Description :

- Monitored construction activities for compliance with HSE policies.
- Reviewed lifting plans and work permits (PTW).
- Ensured proper PPE use and conducted site safety inspections.

Field of experience :

- Rotating Equipment Maintenance and Reliability.
- Maintenance Planning and Scheduling (GMS CMMS).
- Root Cause Analysis (RCA), FMEA, RCM.
- Preventive & Predictive Maintenance.
- Equipment Integrity and Condition Monitoring.
- Vendor Coordination and Technical Evaluation.
- HSE Compliance and BP OMS Implementation.
- Cost Optimization and Resource Management.
- Team Leadership and Cross-Functional Collaboration.
- Additional Awareness: COSHH, NORM, Legionella and Dropped Objects Prevention.