

Holds a B. Sc. in Mechanical Power Engineering and has about 10 years hands-on experience working in construction, maintenance and commissioning.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 25/01/1990  
Gender : Male  
Marital Status : Married  
Residence : El-Behira

## EDUCATION

: B. Sc. in Mechanical Power Engineering, Helwan University, 2012

## LANGUAGES

Arabic : Native Language  
English : Fluent  
French : Basics  
Italian : Basics

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: AutoCAD  
: CMMS, MAXIMO, SAP, ERP, EQMS, ITR, Info-Works, BPS ...etc.

## TRAINING COURSES AND CERTIFICATIONS

: The Fundamentals of Engineering FE is in progress.  
: Certified Maintenance & Reliability Professional CMRP - SMRP, Credential Number: 388783.  
: Project Management Professional (PMP), PMI.  
: Gas Turbine Maintenance, SIEMENS.  
: Steam Turbine Operation and Maintenance, WDEPC.  
: Advanced H2S Gas Course, MAERSK.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Mar. 2021 till now  
**Employer** : BP  
**Project** : BP - WEST NILE DELTA GAS FIELD PROJECT ONSHORE / ALEXANDRIA, EGYPT  
**Job title** : INSPECTION AND PRESERVATION ENGINEER (ROTATING AND STATIC EQUIPMENT)  
**Job Description** :

- Review Company's technical requirements and incorporate in project related data sheets and specifications.
- Ensure all material receipts / goods receipts are performed in timely manner.
- Verify all Material Safety Data Sheets (MSDS) of all materials and ensure proper storage and handling.
- Identify non-conforming material/product and take appropriate action.
- Ensure that materials supplied by other contractors and producers meet standards and comply with specifications.
- Approve incoming materials by confirming specifications; conducting visual and measurement tests; rejecting and returning unacceptable materials.
- Maintain safe and healthy work environment by following standards and procedures.
- Raise, Over, Short and Damaged (OS&D) where applicable, with reported action if required.
- Follow up with vendors to resolve OS&D and follows up with COMPANY team in case of escalation.
- Ensure database applications are populated with all data necessary to run maintenance and preservation program.
- Provide preservation and maintenance technical direction and task priority for the execution of preservation plan.
- Work with Warehouse team, engineering, Top Management, and suppliers to resolve technical issues and provide technical assistance to Subcontractor and supervision to implement remedial action.
- Perform field verification on the equipment in the field to make sure that they are preserved and protected per project procedures and vendor manual.
- Providing input to tracking and reporting on weekly preservation activities to Project Management, and monitoring work performance compared to project budget and schedule.
- Implement and perform specific training and development programs to Keep staff on task, schedule, and budget.

**Dates** : From Aug. 2021 till Dec. 2021 (part time)  
**Employer** : HALLIBURTON  
**Project** : Suez Oil Processing Company SOPC - New Asphalt Unit Project / SUEZ, EGYPT  
**Job title** : SENIOR MECHANICAL COMMISSIONING ENGINEER (ROTATING AND STATIC EQUIPMENT)  
**Job Description** :

- Identified systems and sub-systems by marking up of PID's system definition.
- Reviewed operating manuals in cooperation with the Process

Department, and Vendors.

- Performed Piping and Ducts Pre-Commissioning Commissioning Procedures such as Hydrostatic test, Pneumatic test, chemical cleaning, Flushing, Air blowing, Initial firing and Steam blowing.
- Performed equipment commissioning and startup tests such as Motor solo test, load test, and supported commissioning of main gas and steam turbines.
- Developed tools and material list for pre-commissioning and commissioning such as sacrificial valves, quick opening valves, temporary spools, temporary silencers, temporary strainers, etc.
- Outlined and prepared of Ready of Commissioning, Mechanical Completion Certificates, Handover Package, punch list procedure and exception list for handover.

<b>Dates</b>	:	From Mar. 2018 till Mar. 2021
<b>Employer</b>	:	BECHTEL
<b>Project</b>	:	BP - WND Raven Gas Field Development Project Onshore 600 MMSCFD / Alexandria, Egypt
<b>Job title</b>	:	PRESERVATION AND MECHANICAL FIELD ENGINEER (ROTATING AND STATIC EQUIPMENT)
<b>Job Description</b>	:	<ul style="list-style-type: none"><li>• Review Customer's technical requirements and incorporate in project related data sheets and specifications.</li><li>• Perform Vendor document review to check suitability of the design, including rotating and static equipment related Piping and Instrument Diagrams (P&amp;ID).</li><li>• Coordinate rotating and static equipment related issues with the other disciplines Process, Electrical, Instrumentation, Piping, Civil, Procurement and Construction.</li><li>• Review the project schedule related to rotating and static equipment engineering activities.</li><li>• Responsible for all aspects of static/rotating equipment selection, design, procurement, installation, commissioning, and start-up planning, and evaluate deviations and/or alternative technical solutions proposed by Vendors.</li><li>• Timely report engineering changes effecting manpower and schedule by means of CN procedure and follow-up upon Department and Project Manager's approval.</li><li>• Generate Requests for Information (RFI), Nonconformance Reports (NCR), Scope Change Notices (SCN), Back Charges, Field Quality Surveillance Report (FQSR), and Engineering Changes (ECs).</li><li>• Assess construction quantities and material take offs (MTO) to track progress and material usage.</li><li>• Perform &amp; guide various site activities related to rotating equipment like erection, lube oil flushing, alignment, lubrication, vibration checks, start-up, etc.</li><li>• Perform &amp; guide various site activities related to static equipment like erection, proper installation of internals inside the vessels as per drawing &amp; specifications.</li><li>• Ensure database applications, including TEAM Works and EQMS are populated with all data necessary to administer maintenance and preservation program.</li></ul>

- Provide preservation maintenance technical direction and task priority for the execution of preservation plan.
- Work with Lead Mechanical Field Engineer, Client, engineering, Top Management, and suppliers to resolve technical issues and provide technical assistance to Subcontractor and supervision to implement remedial action.
- Perform field verification on the equipment in the field to make sure that they are preserved and protected per project procedures and vendor manual.
- Providing input to tracking and reporting on weekly preservation activities to Project Management, and monitoring work performance compared to project budget and schedule.

<b>Dates</b>	:	From May 2017 till Mar. 2018
<b>Employer</b>	:	ENI
<b>Project</b>	:	Zohr Gas Field Development Project Onshore 2800 MMSCFD / Port Said, Egypt
<b>Job title</b>	:	Mechanical Commissioning Supervisor (Rotating and Static Equipment)
<b>Job Description</b>	:	<ul style="list-style-type: none"> <li>• Identify requirements and scope of work, review specifications, drawings and other documents of the project and establish applicability to the scope of work.</li> <li>• Carry out a detailed assessment of the commissioning work involved and assess the available resources and possible constraints in its execution.</li> <li>• Review contractual documents and identify project requirements and constraints / risks.</li> <li>• Be continually present on the field to guarantee the quality and progress of the work.</li> <li>• Perform Job Safety Analysis (JSA) and toll box talk to executing the activities.</li> <li>• Ensure that all safety and precautionary requirements and procedures are followed during the commissioning.</li> <li>• Lead subcontractor for the safe execution of Pre-Commissioning / Commissioning activities in line with schedule.</li> <li>• Be aware of cost monitoring, control expenses, and report overruns to management.</li> <li>• Hold regular review of risk assessment/meeting with the client on issues such as HSE.</li> <li>• Attend daily meetings with Commissioning team leaders to update progress and receive daily reports.</li> <li>• Produce project specific procedures, Preservation &amp; Maintenance check sheets, matrix and schedules.</li> <li>• Find out technical problems associated with rotating equipment and mechanical packages/valves are identified and resolved or coordinated with the respective vendor.</li> <li>• Preserve and maintain rotating and static equipment before and after equipment commissioning and start-up.</li> <li>• Assess the requirements of special tools/temporary facilities/equipment required for commissioning phase.</li> <li>• Perform &amp; guide various activities related to rotating equipment likes lube oil flushing, alignment, lubrication, vibration checks, start-up, etc. and related to static equipment likes proper installation of vessels' internals.</li> </ul>

- Perform & guide in various activities such as mechanical interlock, pipeline pigging activities, spring support, hot & cold setting, air blowing, Steam blowing, flushing, leak testing, drying & gas inert of various piping.
- Perform field verification on the equipment in the field to make sure that they are preserved and protected per project procedures and vendor manual.
- Providing input to tracking and reporting on weekly preservation activities to Project Management, and monitoring work performance compared to project budget and schedule.
- Implement and perform specific training and development programs to Keep staff on task, schedule, and budget.

**Dates** : From May 2016 till May 2017  
**Employer** : ELSEWEDY ELECTRIC – PSP  
**Project** : Beni Suef Combined Cycle Power Plant 4800MW, EPC Project  
**Job title** : Senior Mechanical Commissioning Engineer (ROTATING AND STATIC EQUIPMENT)  
**Job Description** :

- Identify systems and sub-systems by marking up of PID's system definition.
- Reviewed operating manuals in cooperation with the Process Department, and Vendors.
- Performed Piping and Ducts Pre-Commissioning Commissioning Procedures such as Hydrostatic test, Pneumatic test, chemical cleaning, Flushing, Air blowing, Initial firing and Steam blowing.
- Performed equipment commissioning and startup tests such as Motor solo test, load test, and supported commissioning of main gas and steam turbines.
- Developed tools and material list for pre-commissioning and commissioning such as sacrificial valves, quick opening valves, temporary spools, temporary silencers, temporary strainers, etc.
- Outlined and prepared of Ready of Commissioning, Mechanical Completion Certificates, Handover Package, punch list procedure and exception list for handover.

**Dates** : From Jul. 2014 till May 2016  
**Employer** : ELSEWEDY ELECTRIC PSP  
**Project** : Abu Qir Steam Power Plant 1300MW Project / CP-118  
**Job title** : Warranty & Site Manager (PLANT UTILITY AND BOP)  
**Job Description** :

- Executed construction activity and piping installation at site according to applicable quality standards.
- Developed site reports, work progress, Punch list, Warranty log, change notices, and professional staff reports.
- Worked closely with the Project Manager to plan the project effectively through a project commercial understanding.
- Monitored progress to ensure scheduling milestones are understood and are being met, and equipment and manpower resources are being used efficiently.
- Developed maintenance strategies, and procedures to deal with emergency and unplanned problems and repairs.

- Anticipated operational problems by studying operation targets and modes, unit limitations and performance.
- Managed break down activities and provide technical support for the purchase of spare parts and writing of maintenance procedures for equipment.

- Dates** : From Jul. 2012 till Jul. 2014
- Employer** : ELSEWEDY ELECTRIC PSP
- Project** : Abu Qir Steam Power Plant 1300MW Project / CP-118
- Job title** : Mechanical Commissioning & Maintenance Engineer (ROTATING AND STATIC EQUIPMENT)
- Job Description** :
- Provided equipment and P&ID walk down support and reviewed final issued PID from commissioning and start-up point of view and issued PID's modification.
  - Reviewed pre-commissioning & commissioning procedures: air blowing, chemical cleaning, water flushing, functional tests, steam blowing, etc.
  - Reviewed safety procedures during commissioning activities such as tagging, vessels entry for inspections, isolation & blind installation procedures and work permit procedures.
  - Outlined and prepare of Ready of Commissioning, Mechanical Completion Certificates and Handover Package.
  - Performed root cause failure analysis and recommend corrective actions.
- Field of experience** :
- Track record over 10 years of professional experience in PMC, and EPC Projects, in the fields of Petrochemicals, Power Generation, Oil & Gas, and water, in major projects of over 500 US Million Dollars each.
  - Extensive experience with different types of Rotating Equipment; Pumps, Compressors, Diesel Generators, Turbines, Centrifuges, Fans, Blowers, ...etc., with a wide knowledge of International Codes and Standards related to Rotating Equipment design, and construction including but not limited to; API 610, 614, 682, 617, 618, 692, 661, 686, 691.
  - Extensive experience with different types of Static Equipment; Boilers, Heat Exchangers, Vessels, Columns, Tanks, Valves, Separators, Towers, ...etc., with a wide knowledge of international codes & standards related to static equipment design and construction including but not limited to; ASME, ASTM, ANSI, API 510, 570, 571, 572, 581, 653.
  - Familiar with Rotating and Static Equipment Engineering; front end engineering design (FEED), and detailed design, with a Practical Site Experience for Rotating and Static Equipment; Construction, Preservation, Pre-Commissioning, Commissioning, Start-up, Maintenance, Reliability, and Warranty.
  - Knowledge of Condition Monitoring techniques and their application with practical experience with the Integrity activities/process for rotating and static equipment where fitness for service is required, failure root cause analysis, major overhaul activities and engineering assessments.
  - Good leadership qualities with supervisory and organizational ability, able to issue clear, concise instructions, and initiate and lead specific training and development programs to Keep staff on task, schedule, and budget.