

Holds a B. Sc. in Mechanical Power Engineering and has over 15 years experience specializing in rotating & static equipment in mega construction projects with reputable organizations in the MENA region.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 01/10/1985  
Gender : Male  
Marital Status : Married  
Residence : Nasr City, Cairo

## EDUCATION

: B. Sc. in Mechanical Power Engineering, Ain Shams University, 2007  
: Amir El-Sho'raa Secondary School, 2002

## LANGUAGES

Arabic : Native Language  
English : Very Good  
German : Fair

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet  
: AutoCAD  
: Adobe Photoshop

## TRAINING COURSES AND CERTIFICATIONS

: PMP (Project Management Professional) – in progress.  
: Fundamentals of machinery equipment in the oil and gas industry.  
: Certified in welding visual inspection testing level II.  
: Certified in Occupational safety and health administration (OSHA).

## CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2023 till now  
Employer : Technip Energies

**Project** : Assiut Hydrocracking Complex (AHC)  
**Job title** : Preservation Coordinator  
**Job Description** :

- Responsible of ensuring that equipment and systems' elements are kept preserved during every phase of the project from arrival to site until Client handover.
- Following the specific Preservation Plan for the project.
- Develop Preservation program with inspection points and activities.
- Knowledge of the vendors' procedures and requirements, and Client specifications.
- Hold meetings with Logistic and Materials department to be aware of the shipments of every material and equipment.
- Supervise subcontractor and/or vendor personnel performing preservation activities according to schedule and Preservation program.
- Instruct subcontractors for specific preservation activities or corrective action.
- Communicate to Material and Quality departments any damage on materials.
- Perform surveillances and reporting any lack of preservation, or bad practice found about storage and handle any material of the project.
- Record all the preservation documents (log sheets, surveillance and vendors reports, reparation procedures and reports), sign by subcontract, Client and Vendor (if required).
- Coordinate the preservation activities for the subcontracts and control that are properly performed.
- Full knowledge about the corporate discipline tools, procedures and its application to control the daily work.
- Responsible of our preservation file update.
- Responsible for the materials, tools, consumables, and lubricants for preservation activities.
- Monitoring stocks, identifying the proper methods of material handling, site storage and preservation directed to prevent damage or deterioration.
- Alert to Lead of discipline about lack of preservation of material, losses or damages that requires and immediate action from other departments (Procurement / Subcontract / Quality departments).
- Coordinate with Construction / Commissioning Manager (depending on the project step) and their different disciplines leads (electrical, instrumentation, mechanical) preservation activities and construction / commissioning activities: supporting them when required, attending meetings, performing lubrication prior testing machine, de-preservation and re-preservation when required, etc.
- Send the preservation reports & update tasks in the system.

**Dates** : From Oct. 2021 till Jan. 2023  
**Employer** : EPROM  
**Project** : SOPC-COKER COMPLEX REHABILITATION  
**Job title** : Lead Mechanical Rotating Engineer  
**Job Description** :

- All rotating equipment documents review & comment according to project specifications & international standards (data sheets, P&IDs, application sheets, performance curves, GA drawings).

- Review all rotating equipment material requisitions and make sure that it complies with international codes, standards & project specifications.
- Review technical bid evaluation submitted by EPC contractor for rotating equipment and comment on deviations list.
- Attend HAZOP, HAZID & SIL.
- Review 3D Model sessions for units, packages to check rotating equipment handling, accessibility & maintainability.
- Review & approve vendors & sub-vendors list including country of origin.
- Attend KOM meetings with vendors to close out any pending issues during clarification cycles.
- Review variation orders issued by suppliers for approval or rejection.
- Review & comment on rotating equipment method statement & preservation plan.
- Check required spare parts (commissioning, 2 years & capital) for all rotating equipment.
- Attend meetings with EPC contractor, PMC & Client to discuss & close any pending issues.
- Respond to technical queries issued by EPC contractor.
- Follow-up on Rotating Equipment status (fabrication, inspection, shipment, ...).
- Review & comment on monthly progress report submitted by EPC contractor.
- Participate in weekly walkthrough to evaluate project progress.

<b>Dates</b>	:	From Jan. 2016 till Aug. 2021
<b>Employer</b>	:	GS Engineering & Construction
<b>Project</b>	:	ERC Refinery Project, Mostorod
<b>Job Description</b>	:	<ul style="list-style-type: none"> <li>• Senior Mechanical Construction Engineer (Rotating &amp; Static Equipment Team Leader) (Jan. 2016 – Jul. 2019): Responsible for Utilities Area, including:               <ul style="list-style-type: none"> <li>- All Stationary Equipment installation (Heat exchangers, Filters, Drums, Skids, cooling tower).</li> <li>- All Rotating Equipment installation (Compressors, Pumps, Steam Turbines, blowers, overhead cranes, Air-cooled heat exchangers).</li> <li>- Prepare daily TBT &amp; approve all HSE work permits for mechanical works.</li> <li>- Resolving and responding to subcontractors' technical queries.</li> <li>- Review lifting plan for critical equipment before submission to get client approval.</li> <li>- Preservation of all installed equipment.</li> <li>- Resolving technical and non-technical issues with subcontractors via meetings and correspondence.</li> <li>- Reviewing and monitoring subcontractors' planning and progress reporting.</li> <li>- Reviewing all vendor print (material requisitions, GA, sectional, mechanical seal drawings, spare parts, data sheets, P&amp;IDs, ...).</li> <li>- Following up, supervising, and managing the construction tasks until MC (installation, pre- alignment, final alignment, final internal &amp; external inspection, load tests, final inspection).</li> </ul> </li> </ul>

- Ensure completion of all tasks before the start of final alignment activity.
- Ensuring that all mechanical construction activities are carried out safely and fully in accordance with HSE rules and issuing unsafe act reports as and when required and then ensuring that these are promptly followed up and closed out by the subcontractors.
- Coordinating with the other discipline Construction Supervisors on a continuous basis to ensure smooth execution of the construction activities.
- Preparation of progress reports on the activities and advising slippages and recovery measures.
- Tracking the punch points and final clearance with the client.
- Senior Rotating Maintenance Engineer (Jul. 2019 – Aug. 2021):
  - Job preparation (coordination with vendors, estimate required manpower / spare parts / special tools, arrange for outside workshop if required, ...).
  - Liaise with operation personnel, if required, to establish work priorities.
  - Assure process & electrical isolation before starting mechanical activities.
  - Review of required spare parts for rotating equipment and issue PO for shortage items before handover to client.
  - Responsible for PM of rotating equipment.
  - Planning Routine & Daily Maintenance tasks for rotating equipment.
  - Investigation of RC for defect notes issued by client which are related to rotating equipment & issue MOC if required for client approval.
  - Preparation of draft letters in reply to defect notes issued by the client.
  - Supervision of rotating equipment major overhauls (Centrifugal Compressors, Reciprocating Compressors, Turbines & Pumps).
  - Participate in major overhaul of Wet gas centrifugal compressor in presence of vendor (Elliott) supervisor.

**Dates** : From Jul. 2013 till Aug. 2015

**Employer** : Orascom Construction Industries (OCI)

**Project** : Rehabilitation and Adaptation Project - Algiers Refinery

**Job title** : Mechanical Construction Engineer

**Job Description** : Responsible for Utilities Area, including:

- Following up on all Rotating Equipment installation (Pumps, Compressors, Turbines & blowers).
- Reviewing contractors' documentation, including Material Requisitions and data sheets.
- Following up, supervising and managing the construction activities (installation, pre-alignment, final alignment, etc.)
- Release rotating equipment for grout after pre-alignment.
- Ensure completion of all tasks before the start of final alignment activity.
- Ensuring that all mechanical construction activities are carried out safely and fully in accordance with HSE rules and issuing unsafe act reports as and when required and then ensuring that these are promptly followed

- up and closed.
- Preservation follow-up for all installed equipment.
- Tracking the punch points and final clearance with client.
- Final check of mechanical systems.

**Dates** : From Jan. 2010 till May 2013  
**Employer** : Orascom Construction Industries (OCI)  
**Project** : Sorfert Fertilizer Complex for AMONIA and UREA, Algeria  
**Job title** : Mechanical Construction Engineer  
**Job Description** : Assembly and Erection of 3 package boilers, including:

- Steel structure assembly, lifting & punch list clearance.
- Boiler Gas station.
- Tie-in points with feed water pumps - life steam line - power generation units - sampling coolers - Main gas line-cooling water (supply and return).
- Mechanical equipment installation & alignment (Boilers Feed water pumps, Forced Draft Fan, Cooling & Ignition Air Fans).
- Steam Drum and flash tank.
- Prepare test packages boundary limits and execution of hydro test.
- Preservation of boilers after hydro test.
- Supervision for boilers insulation works.

**Dates** : From Nov. 2008 till Dec. 2009  
**Employer** : Orascom Construction Industries (OCI)  
**Project** : Al Safwa Cement Project (Jeddah – Saudi Arabia)  
**Job title** : Mechanical Construction Engineer  
**Job Description** :

- Installation of all mechanical equipment Raw Mill and kiln welding following the welding procedure.
- Installation of dynamic separator & cold run test.
- Flap valves installation.
- Raw mill ducts erection.
- Screw conveyors assembly and installation.
- Bucket elevator assembly and installation.
- Erection of steel structure.

**Dates** : From Aug. 2007 till Jul. 2008  
**Employer** : Hydrotech Technical Service Company  
**Job Description** : Mechanical Maintenance Engineer for Flygt submersible pumps.