

Holds a B. Sc. in Mechanical Production Engineering and has about 16 years hands-on experience working in construction and maintenance at several Power Plants and other industrial projects.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 10/09/1979  
Gender : Male  
Marital Status : Married  
Residence : Alexandria

## **EDUCATION**

: B. Sc. in Mechanical Production Engineering, Alexandria University, 2002

## **LANGUAGES**

Arabic : Native Language  
English : Fluent

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: AutoCAD  
: Primavera Project Planner (P3)  
: MS Project 2003  
: Smart Plant & Navisworks 2004 Edition (3D modeling)

## **TRAINING COURSES AND CERTIFICATIONS**

: Attended Course PMP (2016).  
: Attended Course API 570 (2012).  
: Attended Course ASME B31.3 (2012).  
: Pumps Troubleshooting & Maintenance (2012).  
: Compressors, Fans & Blowers Maintenance (2012).  
: API 686 Recommended Practice for Machinery Installation (2011).  
: Incident & Injury Free Supervisor Skills (2010).  
: Commissioning & Performance of Combined Cycle Power Station (2008).  
: Maintenance Auxiliary Steam Power Station, West Delta Electricity Production Company Training Center (2007).

- : AutoCAD, West Delta Electricity Production Company Training Center (2006).
- : Training in Arab Petroleum Pipe Line (Sumed - Sidi Krir) (2 months in 2000/2001):
  - Different maintenance process in beside to work nature and different operation methods.
  - Maintenance and overall process for marine units and its equipment.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Nov. 2016 till now
- Employer** : Bechtel
- Project** : WND West Nile Delta Gas Project
- Job title** : Lead Mechanical Field Engineer
- Job Description** :
- Review preparation of construction drawings and schedules.
  - Review and approve mechanical work packages that will be prepared and submitted by Subcontractor.
  - Review and approve Mechanical Inspection test plans that will be prepared and submitted by Subcontractor.
  - Provide technical interpretation of design documents in support for superintendents and provides specific expertise for problem solving activities.
  - Verify and approve of Quantities equipment that installed by the Subcontractor.
  - Prepare technical reports (i.e. Non-conformance reports, Field change document, ...etc.) and coordinate with Construction and Engineering teams to find the resolutions.
  - Assist the Subcontractor in preparation of the technical reports that follow Bechtel Procedures.
  - Monitoring Subcontractor testing/inspection schedule and the procedures to identify the inspection and test status for construction activities.
  - Coordinate with EQMS engineer and Perform field verification on the equipment in the field to make sure that the equipment is preserved and protected per project procedures and vendor manual.
  - Monitoring equipment installation and planning for delivery of construction materials and equipment.
  - Assuring that proper warehousing and storage exists to ensure environmental protection.
  - Review specifications, purchase orders, subcontracts, inspection reports, delivery schedules, instruction manuals and technical data.
  - Coordinate with engineering design on constructability issues.
  - Supervise subcontractor work efforts and administer subcontract technical activities and interfaces with client personnel.
  - Coordinate the completion of construction activities in assigned systems and prepares punch lists to ensure the readiness of systems for release for turnover to the Start-up and Commissioning Team.
  - Work with various functions to ensure the project achieves corporate goals set for environmental, safety & health, quality, cost and schedule.
  - Responsible for all multi-discipline inspection & Construction activities

in all phases of construction/ Pre-Commissioning / Commissioning work for: Rotating, Static equipment.

**Dates** : From Jun. 2016 till Oct. 2016  
**Employer** : Orascom Construction  
**Project** : Burullus Combined Cycle Power Plant  
**Job title** : Lead Mechanical Engineer  
**Job Description** :

- Responsible for all Active Module #1 (Gas turbine, HRSG, Steam Turbine).
- Review and approve Mechanical Inspection test plans that will be prepared and submitted by Subcontractor.
- Provide technical interpretation of design documents in support for superintendents and provides specific expertise for problem solving activities.
- Verify and approve of Quantities equipment that installed by the Subcontractor.
- Prepare technical reports (i.e. Non-conformance reports, Field change document, ...etc.) and coordinate with Construction and Engineering teams to find the resolutions.
- Preparation for the ITPS forms to make the hand over to client and to be sure that all inspection done due to QC requirements.
- Responsible for all multi-discipline inspection activities in all phases of construction/ Pre-Commissioning / Commissioning work for: Rotating, Static equipment.
- Solving problems with Consultant & coordinate with other Contractors.
- Scheduling the inspection invitations with client.
- Follow up with construction to make the hand over.
- Review DWG for Piping & mechanical equipment.
- Review for Access in Site & make handover for Terminal Point & Foundation.
- State the priority to Sub-contractor to proceed the progress.

**Dates** : From Feb. 2014 till May 2016  
**Employer** : ThyssenKrupp UHDE  
**Project** : NA/LDAN Complex  
**Job title** : Mechanical Engineer  
**Job Description** :

- Responsible for all multi-discipline inspection activities in all phases of construction / pre-commissioning / commissioning work for: Rotating, Static equipment.
- Solving problems with Consultant & Coordinate with other Contractors.
- Establish communications with design to resolve field problem and assist the Mechanical Superintendent and Area Engineers in solving equipment problems.
- Scheduling the inspection invitations with client.
- Follow up with construction to make the handover.
- Review DWG for piping & mechanical equipments.
- Review for access in Site & make handover for Terminal Point & Foundation.
- State the priority to workshop to proceed the progress.
- Installation rotor & static mechanical equipments (arrangement,

leveling, centering and grouting procedure and specification), Alignment rotor mechanical equipments.

- Responsible for oil flushing for Turbine & MAN Compressor.
- Release Punch Points.

**Dates** : From May 2013 till Feb. 2014  
**Employer** : West Delta Electricity Production Co.  
**Project** : Sidi Krir Power Station  
**Job title** : Maintenance Engineer  
**Job Description** :

- Carrying out Preventive maintenance (checklist, oil change and periodical maintenance rotating equipment) for centrifugal, sump pumps, reciprocating, centrifugal compressor.
- Planning and material taking off for equipment shutdown Maintenance.
- Carrying out corrective maintenance action for rotating Equipments.
- Repairing equipment components of Diesel engine.

**Dates** : From Oct. 2012 till Feb. 2013  
**Employer** : Al Jaber  
**Project** : Lusail Qatar  
**Job title** : Senior Mechanical Engineer  
**Job Description** :

- Review DWG for piping & mechanical equipments.
- Review for access in site & make handover for Terminal Point & Foundation.
- Solving problems with consultant & coordinate with other contractors.
- State the priority to workshop to proceed the progress.
- Installation rotor & static mechanical equipments (arrangement, leveling, centering and grouting procedure and specification), Alignment rotor mechanical equipments.

**Dates** : From May 2011 till Sep. 2012  
**Employer** : PSP AVIC / ZTPC  
**Project** : Abu Qir 1300MW Steam Simple Cycle Power Station (CP-118)  
**Job title** : Lead Mechanical Engineer  
**Job Description** :

- Responsible for all multi-discipline inspection activities in all phases of Construction / Pre-Commissioning / Commissioning work for: Rotating, Static equipment.
- Solving problems with Consultant & coordinate with other Contractors.
- Establish communications with design to resolve field problem and assists the mechanical Superintendent and Area engineers in solving equipment problems.
- Scheduling the inspection invitations with client.
- Follow up with construction to make the hand over.
- Review ISO DWG & PIDs for piping & mechanical equipments.
- Review for access in site & make handover for Terminal Point & Foundation.
- State the priority to workshop to proceed the progress.
- Installation rotor & static mechanical equipments (arrangement,

leveling, centering and grouting procedure and specification), alignment rotor mechanical equipments.

- Release Punch Points.

**Dates** : From Sep. 2010 till Apr. 2011  
**Employer** : INITEC ENERGIA  
**Project** : Cairo West 700MW Simple Cycle Power Station (CP-118)  
**Job title** : Mechanical Construction Engineer  
**Job Description** :

- Solving problems with Consultant & coordinate with other Contractors.
- Establish communications with design to resolve field problem and assists the mechanical Superintendent and Area engineers in solving equipment problems.
- Follow up with construction to make the hand over.
- Review DWG for Piping & mechanical equipment.
- Review for Access in Site & make handover for Terminal Point & Foundation.
- State the priority to workshop to proceed the progress.
- Installation rotor & static mechanical equipment (arrangement, leveling, centering and grouting procedure and specification), Alignment rotating mechanical equipment.
- Release Punch Points.

**Dates** : From Dec. 2009 till May 2010  
**Employer** : VSA – Al Jaber  
**Project** : PEARL GTL Project, Ras Laffan – Qatar  
**Job title** : Mechanical Construction Engineer  
**Job Description** :

- Solving problems with Consultant & coordinate with other Contractors.
- Establish communications with design to resolve field problem and assists the mechanical Superintendent and Area engineers in solving equipment problems.
- Follow up with construction to make the hand over.
- Review DWG for Piping & mechanical equipment.
- Review for Access in Site & make handover for Terminal Point & Foundation.
- State the priority to workshop to proceed the progress.
- Installation rotor & static mechanical equipment (arrangement, leveling, centering and grouting procedure and specification), Alignment rotating mechanical equipment.
- Release Punch Points.

**Dates** : From Oct. 2007 till Dec. 2009  
**Employer** : Toshiba Plant Systems & Services Corporation in consortium with Toyota Tsushu Corporation (TPSC/TTC), EPC contractor  
**Project** : Sidi Krir Combined Cycle Power Plant (750MW)  
**Job title** : Mechanical Construction Engineer

**Job Description** : 

- Responsible for all multi-discipline inspection activities in all phases of Construction / Pre-Commissioning / Commissioning work for: Rotating, Static equipment.
- Solving problems with Consultant & coordinate with other Contractors.
- Establish communications with design to resolve field problem and assists the mechanical Superintendent and Area engineers in solving equipment problems.
- Scheduling the inspection invitations with client.
- Follow up with construction to make the hand over.
- Review ISO DWG & PIDs for piping & mechanical equipments.
- Review for access in site & make handover for Terminal Point & Foundation.
- State the priority to workshop to proceed the progress.
- Installation rotor & static mechanical equipments (arrangement, leveling, centering and grouting procedure and specification), alignment rotor mechanical equipments.
- Release Punch Points.

**Dates** : From Apr. 2007 till Oct. 2007

**Employer** : ASEC ARESCO

**Projects** : 

- Talkha Power Station
- El-Kureimat Power Station

**Job Description** : 

- Revision P&IDs for mechanical equipments.
- Solving erection problem, preparation of site modification reports.
- Follow up specification of local purchased materials.
- Follow up & update schedule, purchase order and material delivery.

**Dates** : From Feb. 2003 till Mar. 2007

**Employer** : West Delta Electricity Production Company

**Project** : Sidi Krir Combined Cycle Power Plant

**Job title** : Auxiliary Steam Turbine Maintenance Engineer

**Job Description** : 

- Carrying out preventive maintenance (checklist, oil change and periodical maintenance rotating equipment) for centrifugal, sump pumps, reciprocating, centrifugal compressor.
- Planning and material taking off for equipment shutdown maintenance.
- Carrying out corrective maintenance action for rotating equipments.
- Repairing equipment components of diesel engine.