

Holds a B. Sc. in Mechanical Engineering and has over 11 years hands-on experience in oil & gas and CCPP (in Egypt & S.A.) related to Mechanical Engineering work, Planning, inventory control & reduction, Installation, Commissioning & Services/Maintenance, Internal/External Auditing, Managing & training team members, Contactors/Vendors sub-contactors, Market Vendors.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 20/04/1983  
Gender : Male  
Marital Status : Married  
Residence : El-Behira

## **EDUCATION**

: B. Sc. in Mechanical Engineering, Alexandria University, 2005

## **LANGUAGES**

Arabic : Native Language  
English : Excellent

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel, Power Point), Internet

## **TRAINING COURSES AND CERTIFICATIONS**

- : PMP preparation course.
- : Operation of combined cycle, West Delta Electrical Production Company, Abu Qir (Dec. 2006).
- : Basic training on maintenance of GE Gas Turbine Frame (9FA), Nubaria (Apr. 2009):
  - Introduction to the plant.
  - Electrical and I&C part.
  - Gas turbine part.
- : Basic training off-shore on maintenance of ALSTOM Steam Turbine (Basic Turbine Overview), Mannheim – Germany (Nov./Dec. 2009).
- : Basic trainings on-shore:
  - Erection, operation and maintenance of Solar Treatment System, Nubaria (Sep. 2009).
  - Course for the maintenance of ALSTOM Steam Turbine personnel, Nubaria (Apr. 2010).

- Operation and maintenance in class training and on-site training of Debris Filter (DF) and Condenser on lead tube cleaning system (COLTCS), Nubaria (Mar. 2010).
  - Maintenance of the Alstom CM Condenser, Nubaria (Apr. 2010).
  - BTG Valve & Smartrak Maintenance & Calibration Training Course, Nubaria (May 2010).
  - Condenser Exhauster Vacuum Pump Units & Water box Priming Units, Nubaria (May 2010).
- : The Amplissma User Training Program, Nubaria (Mar. 2010).
- : Train the Trainer course, Riyadh (KSA) (Nov. 2012).
- : Occupational Safety and Health Management – OSHA, Riyadh – KSA (Apr./May 2013).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Oct. 2017 till Jan. 2018

**Employer** : Weir Oil and Gas

**Project** : ENI Project in Basra – Iraq

**Job title** : Mechanical Rotating Engineer

**Job Description** : Responsible for 30 Gas Compressor driven by Waukesha gas engines (with crew in three locations Hammar IPF, Zubier IPF and Rafidiya IPF).

**Dates** : From Apr. 2014 till Oct. 2017

**Employer** : Middle Delta Electricity Production Company

**Project** : Nubaria Combined Cycle Power Plant, Module III (1x750MW)

**Job title** : Maintenance Engineer

**Job Description** :

- Dismantle GT GE 9FA.04 after surge from 18-10-2017 to 26-10-2017.
- Prepare codes for mechanical spare parts in storehouse.
- Responsible for Material inspection of Gas Turbine AGP upgrade.
- Perform hands on repair combustion inspection activities, baroscopic inspection.....and all auxiliary systems maintenance.
- Prepare and plan in details all inspection activities, planned maintenance, major overhauls, and maintenance jobs during planned shutdowns and forced shutdowns.
- Review maintenance procedures, job plans, standing instruction, operating manuals, and to update COMPANY manuals for safe maintenance and operation.
- Follow up all preventive maintenance for the plant Auxiliaries.
- Change accumulator bladders for diverter damper hydraulic skid.
- Follow up all Preventive maintenance for GE Gas Turbine Auxiliaries (Lube oil System, Hydraulic System, Water Injection System, Fuel System, etc.....).
- Follow up all Preventive maintenance for ALSTOM Steam Turbine Auxiliaries (Lube oil System, Condensate System, Condenser Vacuum Pumps, Tube Cleaning, etc..).
- Responsible with group on combustion inspection of GE & change of H2 seal.
- Make work order and request spare parts on Amplissma Program.
- Follow up the inventory safety stock quantities.

- Follow up all gas turbines spare parts stock balance.
- Prepare capital and consumable spare parts list with prices.
- Review AGP, DLN 2.6 and CSA contracts for GE modification and maintenance.
- Chairman of the Committee an inventory of mechanical spare parts storehouse.

**Dates** : From Jun. 2012 till Apr. 2014  
**Employer** : SEC (Saudi Electricity Company), Riyadh – KSA  
**Job title** : Technical Instructor  
 (Mechanical Training Section, Technical & Professional Training Division)  
**Job Description** : 

- Prepare Technicians to work in operation & maintenance for SEC Power Plants.
- Mechanical Short Courses & OJT.

**Dates** : From Nov. 2008 till Jun. 2012  
**Employer** : Middle Delta Electricity Production Company  
**Project** : Nubaria Combined Cycle Power Plant, Module III (1x750MW)  
**Job title** : Commissioning & Start-up Engineer  
**Job Description** : 

- Commissioning & Start-up Eng. at Nubaria (Egypt) GE MS9001FA Gas Turbines.
- Follow up all site mechanical activities for the contract CP-118 (Mechanical Equipment / Pipe Installation) and PUMPS & DRIVES (PO-109).
- Make leveling and alignment for rotating equipment.
- Follow up hydro test, start-up and commissioning for each system and also for steam turbine.
- Reviewing and revise all submittals with the contracts.
- Review and approve MRR's (Material Receiving Reports).
- Review and approve contractors' progress invoices.
- Follow up instrument and service air compressors start-up and operation.
- Follow up Erection, operation and maintenance of Solar Treatment System.
- Follow up all site mechanical construction and commissioning activities for Gas Turbine, Steam Turbine, CP-118 and PO-109 contracts.
- Gas line blow out, pneumatic test, maintenance for the gas equipment like filters, pressure control valves.

**Dates** : From Sep. 2006 till Nov. 2008  
**Employer** : MDEPC (Middle Delta Electricity Production Company)  
**Project** : Nubaria Modules I & II (2x750MW Combined Cycle Project):  

- Two Modules consists of:
  - 4 combustion turbine generators (250MW SIEMENS V94-3A).
  - Two horizontal ALSTOM HRSGs.
  - One MITSUBISHI STG 250MW (HP, IP, LP) turbine.
- 500KV Switchyard.
- Medium and Low Voltage Switchgear.

**Job title** : Operation Engineer

- Job Description** : • Liquid Fuel Commissioning and Field Engineer Combustion Turbine Generator.  
• Operation Engineer for 4x250MW SIEMENS V94-3A.
- Field of experience** : • Over 11 years' experience in oil and gas and CCPPs (in Egypt & S.A.) related to:
- Dismantle GT GE 9FA.04 after surge from 18-10-2017 to 26-10-2017.
  - 8 CI, 2HGP, 2 MI for GE 9FA gas turbine.
  - GE 9FA Modification to 9FA.03 DLN 2.6+..... (Nubaria PP & Kureimat III).
  - Site Manager for DLN Modification Kureimat III with KHARAFI NATIONAL.
  - Owner experience.
  - Witness for commissioning of GE GT & Alstom ST.
  - Mechanical Engineering work, Planning, inventory control & reduction, Installation, commissioning & Services/Maintenance, Internal/External Auditing, Managing & training team members, Contactors/Vendors sub contactors, Market Vendors.
  - Experience in commissioning for gas pipe line and equipments.
  - I worked as Mechanical Rotating Engineer in Basra-Iraq with Weir Oil & Gas.
  - Gas Compressor and Waukesha gas engines experience
- Good knowledge of codes as (ASME, ASTM ...etc.).
  - Good knowledge of various types in Materials of piping and fitting types, pressure schedule, pressure rating and welding types.
  - Good knowledge of Siemens Systems, equipment and KKS.
  - Good knowledge of GE MLI & TILs.
  - Aware of QC & QA also Six Sigma principals.
  - Coordinate with client, supplier's designer and subcontractors.
  - Aware of contractual and commercial issues.
  - Ensure performance, productivity, efficiency, meeting schedule, safety and quality.
  - Ability to work together with the other departments in order to achieve the best result for the company
  - Ability to build and work with multi-cultural and multi-disciplinary staff.
  - Seek, organize and exchange information for decision making and problem solving.
  - Work closely with others and provide them with all the necessary support.
  - Good knowledge of safety rules and attend training for Occupational Safety and Health Management - OSHA.
  - Work independently and according to technical established procedures, professional Engineering standards.
  - Ability in writing technical reports in English.