

Holds a B. Sc. in Electrical Power & Machines Engineering and over 12 years of experience in the Commissioning/Operation, Maintenance, Warranty Administration in the field of large Power Plant Projects, including 8 years working in Saudi Arabia.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 13/11/1982  
Gender : Male  
Marital Status : Married  
Residence : Currently KSA

## **EDUCATION**

: B. Sc. in Electrical Power & Machines Engineering, Assiut University, 2004

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet

## **TRAINING COURSES AND CERTIFICATIONS**

- : GENERAL ELECTRIC: MKVI controls system and Gas Turbine operation and control at Site El Kureimat #3 Power Plant Project (Jun. 2008).
- : HITACHI Ltd.: Steam Turbine and Generator Maintenance Program at several Hitachi Facilities in Japan (Dec. 2007).
- : TECHINT CIMI MONTUBI: Operation and Maintenance of Medium Voltage Switchgear and Emergency Diesel Generator at Site Cairo North Power Plant Project (Feb. 2007).
- : AREVA: Erection, Commissioning and Maintenance of Transformers at Site Cairo North Power Plant Project (Dec. 2006).
- : INITEC: Operation and Maintenance of General Fire Fighting systems, Trash Rake and Traveling Wash Screens at Site Cairo North Power Plant Project.
- : CAIRO ELECTRICITY PRODUCTION COMPANY: Operation and Maintenance of Combined Cycle Power Plant at Site Cairo North Power Plant Project (Nov. 2005).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Mar. 2014 till now  
**Employer** : Arabian BEMCO Contracting Company - Power Projects  
**Project** : Riyadh Combined Cycle Power Plant #10 Project (5000MW), KSA  
**Job title** : Operation & Maintenance Leader  
**Job Description** :

- In charge of the preventive maintenance and corrective maintenance of the newly commissioned equipment in PP10 Combined Cycle Project: leading a team of 3 Engineers & 5 Supervisors & 40 technicians.
- Carry out the outage coordination works with SEC COA Projects Personnel in order to perform the testing and commissioning activities as per the project requirements.
- Participating in finalizing the pending work in the PP10 Simple Cycle Project regarding special warranties, punch list and major outstanding items to get the Final Accepting Certificates (FAC) for 40x7EA Gas Turbine machines and Crude Oil Heaters (40x1250 KW), and conduct periodic progress review meetings with the customer.
- In this position he had the achievement of solving and closing the Pressure Fluctuation Issue in the Gas Turbine liquid fuel lines and has the plant running smoothly over all operation conditions.
- Provide summer support for the customer to ensure plant reliable and efficient operation, major role in this regard is solving the Control and MKVle related problems.

**Dates** : From Sep. 2011 till Mar. 2014  
**Employer** : Arabian BEMCO Contracting Company - Power Projects  
**Project** : Riyadh Power Plant #10 Project (3700MW), KSA  
**Job title** : Sr. Warranty/O&M Engineer  
**Job Description** :

- The warranty point of contact with the customer regarding the power plant units, attended the breakdown maintenance works for 40x7EA Gas Turbine machines with their associated auxiliaries, controls and protection systems; MKVle control panels, Exciter EX2100, Generator Control Panel GP2100.
- Leading a team of 20 members covering all maintenance disciplines, provided warranty administration and coordination with vendors for fulfilling the contractual obligations toward the project, managed reducing the unplanned outages time.
- Accomplished closing 100% of the defect reports issued by the customer during the one year contractual normal warranty period.

**Dates** : From Aug. 2010 till Sep. 2011  
**Employer** : Arabian BEMCO Contracting Company - Power Projects  
**Project** : Riyadh Power Plant #10 Project (3000MW), KSA  
**Job title** : Plant Engineer  
**Job Description** :

- Responsible for smooth handover of the newly commissioned Gas Turbine units (MS7001EA) to our customer after the completion of the reliability run test and performance test, sorted out the plant Work Deficiency Reports mainly related to MKVle Panels and GTG Instrumentations but contributing the Mechanical and Electrical works as

well.

- Prepared timely and accurate technical reports (like trip incident reports) for customer records and a reference for future outages, Supported the operation teams to implement safety procedures pertinent to start-up phase (Lock-out, Tag-out, Permit to Test, etc.).
- Compiled several materials and reports about different technical issues and improvement recommendations on the unit and its installation.

**Dates** : From Jul. 2009 till Mar. 2010  
**Employer** : Al-Toukhi Company for Industry, Trading and Contracting, Power Generation  
**Project** : Tehama Extension PP (2x60MW), KSA  
**Job title** : Warranty Engineer  
**Job Description** :

- Provided warranty administration on the customer site for 2x7EAx60MW machines with the auxiliaries, controls (MKVI) & protection systems.
- Provided technical support for the customer to ensure the plant reliable and efficient operation, problems identification and solving.

**Dates** : From Aug. 2007 till Jul. 2009  
**Employer** : Upper Egypt Electricity Production Company (UEEPC)  
**Project** : El-Kureimat Combined Cycle Power Project (1500MW), Egypt  
**Job title** : Operation & GTG Controls Engineer  
**Job Description** :

- As the power plant end-user, he was leading the Start-up & Operation team and interface the commissioning activities with vendors, supervised the reliability run test for 2x9FAx250MW machines controlled by MKVI Control panels.
- After final handing over the plant to me, he got the responsibility of Gas Turbine plant maintenance, sorted out the operational defects (mainly I&C issues) but contributing also the Electrical & Mechanical divisions.
- Exceptional skills in figuring out the GTG problems and have them solved, parts identification and ordering through warranty claims or purchasing.

**Dates** : From Jun. 2005 till Aug. 2007  
**Employer** : Cairo Electricity Production Company (CEPC)  
**Project** : Cairo North Combined Cycle Power Project (1500MW), Egypt  
**Job title** : Start-up & Operation Engineer  
**Job Description** :

- His first mission was to learn the details of power projects sequence of execution, end-user relation with contractors.
- As the plant owner, he supported the commissioning and operation works, generated operation logs, defect reports, troubleshooting of 9FA machines with MKVI control system.

**Field of experience** :

- Over 12 years of experience as a Field Service Lead Engineer in Combined Cycle Power Plant Projects, his expertise covers from commissioning/operation, warranties, contract closeout.
- Deep knowledge of Gas Turbine/Generator applications (GE 7EA & 9FA, Siemens, Mitsubishi) & SPEEDTRONIC MK VI/MK VIe control systems for TCP & DCS. Thermo instruments, transducers, flow, vibration, BENTLEY Nevada, multifunction tools. Have strong capabilities in

figuring out and solving the Control (mainly), mechanical and electrical problems related to the GTG systems/sub-systems.

- Technical skills, troubleshooting and maintenance knowledge, accomplish warranty administration with the EPC contractors.