

Holds a B. Sc. in Electronics & Communication Engineering and has over 13 years hands-on experience with exceptional engineering & power plants operation skills.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 09/08/1981  
Gender : Male  
Marital Status : Married  
Residence : Currently KSA

## EDUCATION

: B. Sc. in Electronics & Communication Engineering, Menoufia University, 2003

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: Eat pro (System supervisory + Electronic log)  
: JDEdwards (Electronic Work Order program)  
: Projectwise version 8 (System data base program)

## TRAINING COURSES AND CERTIFICATIONS

: Basic Operation and principles for power generation and the general description of generator and the auxiliary systems.  
: The basic principles for operation the steam boiler and HRSG (heat recovery steam generator) safe start-up and shutdown.  
: The basics of power station (steam and gas turbine) by First.  
: DCS Simulator training.  
: Vibration training in Jeddah.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Feb. 2016 till now  
**Employer** : Saudi Electricity Company (SEC)

**Project** : Jeddah South Supercritical Power Plant  
**Job title** : Project Engineer  
**Job Description** : Follow commissioning in the project during start-up and modification in logic during start-up, participated in pre-commissioning activities reviewing engineering drawing and have the ability to conduct system walk down and generating punish list, check chemical validity and material safety data sheet, water steam cycle analysis and purity special in supercritical steam boiler.

**Dates** : From Apr. 2005 till Feb. 2016  
**Employer** : Sidi Krir Generating Company, PowerTek  
**Project** : Sidi Krir Power Plant Units 3 & 4 Boot #1  
**Job title** : Operation Engineer  
**Job Description** :

- Follow commissioning in the project during start-up and modification in logic during start-up.
- Participated in pre-commissioning activities reviewing engineering drawing and have the ability to conduct system walk down and generating punish list.

**Dates** : From May 2004 till Mar. 2005  
**Employer** : Bechtel Overseas Corporation  
**Project** : Sidi Krir Units 3 & 4 Site  
**Job title** : I&C Maintenance Engineer

**Dates** : From Nov. 2003 till Nov. 2004  
**Employer** : Ahmed Bahgat Group  
**Job title** : Network Maintenance Engineer

**Field of experience** :

- Main Experience Keys: 11 years in electrical power plants.
- Operating the main components of the plant via DCS and locally:
  - Babcock & Wilcox Boiler 1000 T/H.
  - Foster Wheeler 750 T/H Boilers.
  - Alstom steam turbo generators 23.5KV.
  - Toshiba steam turbo generators 23.5KV.
  - Alstom high voltage transformers 23.5KV x 220KV.
  - General Electric (GE) Buss Bars 6.3KV and C.B 6.3KV.
- 2 years participation in start-up procedures and operation of power plant systems and auxiliaries using DCS control system (ABB) during start-up and operation.
- 8 years participation and responsibility for shift to shift safe operation off all equipments associated with the power generation facility by using DCS (ABB).
- Performing Power generation facility system inspection and system alignments during start-up and shutdowns to ensure safe and correct operations of the system equipments, during normal and emergency operations.
- Proceeding air compressors operation and programming (especially Atlas Copco).
- Maintaining system and equipment operation within vendor's

specifications and guidelines.

- Document equipment performance by maintaining complete and accurate electronic log sheets.
- Co-ordinate safety with regards to maintenance shift work activities (isolation, placed tags and placing equipments back in-service according vendor's specifications).
- Write work order and LOTO (Lock Out / Tag Out & PTW SYSTEM) for maintenance using (electronic work order management) J.D. Edwards.
- Participated in pre-commissioning activities reviewing engineering drawing and have the ability to conduct system walk down and generating punish list.
- Very good knowledge for safety OSHES18001 and environment Iso14001.
- Responsible for the whole plant fire system integrity (Local fire panels, deluge valves).
- Updating and reviewing systems P&ID's (Piping and instrumentation diagram).
- Participate in ISO 14001, OHSAS 18001, ISO 9001 successes team in our Plant.
- Operation and maintaining H2 Production facility (Hogen series - H2 production).
- Operation and monitoring Water treatment system (RO-Med-MSF) via PLC system (Bailey).