

Holds a B. Sc. in Electrical Engineering and has about 10 years hands-on experience working in I&C field of several Power Stations.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 25/02/1980  
Marital Status : Married

## EDUCATION

: B. Sc. in Electrical Engineering, Tanta University, 2002

## LANGUAGES

Arabic : Native Language  
English : Fluent

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : Two trainings at Shoubra El-Kheima Thermal Power Station Unit operation (from Jul. till Sep. 1999 and from Jul. till Sep. 2001).
- : Training at Mohram Press Company (electrical power and control circuit), Jul./Aug. 2000.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jun. 2012 till now  
**Employer** : ALSTOM Power Sweden AB  
**Project** : Shoiaba Steam Power Plant, SWFGD system, 3x400MW, Stage 3 – KSA  
**Job title** : I&C Commissioning Engineer  
**Job Description** : Responsible for:

- Close all punch items and NCR for SWFGD.
- Maintenance required for all SWFGD system.
- Grantee inspection for SWFGD instrumentation.
- SWFGD SICK MAIHAK inlet analyzer.
- SO2 analyzer type GM31.
- Dust and opacity analyzer type OMD 41.
- CEMS analyzer.

- SO2 and NOX analyzer type GM31.
- CO and HUMIDITY analyzer type GM35.
- Oxygen analyzer type ZIRKOR 302P.

**Dates** : From Nov. 2010 till May 2012  
**Employer** : ALSTOM Power Centrals (APC)  
**Project** : Shoiaba Steam Power Plant, 3x400MW, Stage 3 – KSA  
**Job title** : I&C Commissioning Engineer  
**Job Description** : Same as before.

**Dates** : From Sep. 2008 till Oct. 2010  
**Employer** : Ansaldo Caldaie  
**Project** : El-Tebbin Steam Power Plant (2x350MW)  
**Job title** : I&C Commissioning Engineer  
**Job Description** :

- Responsible for the commissioning of:
  - Boiler DCS hardware cabinet ABB Symphony.
  - Boiler management system field instrument (valve rack using Alfa pneumatic valves).
- Configuration of Rotork and Auma motorized valves.
- Transmitters calibration (press., temp., level and flow), ABB.
- Calibration and configuration ABB positioner (TZIDC) and parcol actuator.

**Dates** : From Jan. 2007 till Aug. 2008  
**Employer** : ALSTOM Power Centrals (APC)  
**Project** : Shoiaba Steam Power Plant, 6x400MW, Stage 2 – KSA  
**Job title** : I&C Commissioning Engineer  
**Job Description** :

- Responsible for the commissioning of I&C thermal cycle systems (Power block and Balance of plant).
- Carry out a various official tests for difference systems.
- Build site modification.
- Provide filed studies and reports during power plant commissioning & operation.
- Control cabinet modifications as per field requirement.
- Commissioning of air compressor Atlas Copco.
- Commissioning of chemical dosing system Promint manufacture.
- Control & motorized valves (EMG, Auma).
- Pneumatic valves ABB positioner with flow serve actuator.
- Feed water system Sulzer and Voith control system.
- Cold/hot loop test.
- Condensate pump Troshima.
- Circulating water pumps and hydraulic station for valves Torshima.
- Control cabinets:
  - Ball cleaning Technos.
  - Debris filters Tabroq.
- Hydraulic stations:
  - HP bypass, Aux. steam pobb router.
  - LP bypass simple.

- Transmitters calibration (press., temp., level and flow).
- Bentley Nevada Vibration, axial, speeds monitoring.
- Water analysis commissioning & calibration, including Sodium, PH, Silica, Hydrazine, conductivity, Oxygen analyzers, ABB type, etc.

- Dates** : From Jan. 2003 till Jan. 2007
- Employer** : Cairo Electricity Production Company
- Project** : Cairo West Thermal Power Station
- Job title** : I&C Maintenance Engineer
- Job Description** :
- Responsible for maintenance of boiler and turbine control system.
  - Boiler DCS system bailey infi 90.
  - Troubleshooting, maintenance and configuration of infi 90 module.
  - Maintenance and programming of INGERSOLLRAND compressors.
  - I was the responsible for upgrade of infi 90 power supply (PAF, PAS) to symphony power supply (MPS111).
  - Calibration of control valves positioners.
- Relevant experience** :
- DCS skills: Elsig Bailey.
  - Documentation skills:
    - Interface with Engineering and Technical Office in seeking assistance for solving problems.
    - Review and prepares all documents (i.e.: drawings, permits, procedures, test certificates, test plans and others) prior to conduct of commissioning.
    - Developing system scope documents.
    - Turn over packages estimation.
    - Data recording.
    - Contract / filed work compatibility.
  - General skills: Electronic card repair.