

Holds a B. Sc. in Electronics & Electrical Communications Engineering and has about 13 years hands-on experience working in I&C field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/01/1982
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Electronics & Electrical Communications Engineering, Menoufia University, 2004

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Off-site training of maintenance program of steam turbine 250MW at Genouva City – AEN – ITALY (2009).
- : Off-site training of maintenance program Electric generator 290 MVA at Genouva City – AEN – ITALY (2009).
- : On-site training program, cover installation, calibration, leak tests, start-up & commissioning work activities (2009).
- : ON-SITE: ABB (SYMPHONY-HARMONY & PGP) TRAINING.
- : ON-SITE: ALLEN BRADLEY PLC, TRAINING.
- : ON-SITE: BENTLEY-NEVADA, vibration probes training.
- : Off-site training course of SPPA T-3000 CONTROL SYSTEM in Germany this course containing the following:
 - SPPA T-3000 SYSTEM BASICS.
 - SPPA T-3000 FAIL SAFE SYSTEM.
 - SPPA T-3000 ADMINISTRATION AND COMMISSIONING.
 - MAINTAINING SPPA T-3000 ft STRATUS APPLICATION SERVER.
 - I&C MAINTENANCE SPPA T-3000 S7 AUTOMATION SERVER AND FIELD (SIM).

- : Qurayyah project Waste Water system training.
- : Qurayyah project Sea Water intake system
- : Qurayyah project HRSG system.
- : Combined Cycle Familiarization and Operations SGT6-5000F (5) / SST6-4000:
 - Gas Turbine Familiarization SGT6-5000F (5).
 - Gas Turbine Operations SGT6-5000F (5).
- : Steam Turbine Familiarization / Operations SST6-4000 (DN).
- : Qurayyah project Electro-Chlorination system.
- : Qurayyah project Demineralization Desalination system.
- : Qurayyah project Chiller Plant system.
- : Qurayyah project Chemical Feed system.
- : Fuel Gas Compressor Operational Training T.375-387.
- : Fire Protection system.
- : NEM HRSG training in:
 - Operation and Maintenance.
 - Controls and Instrumentations.
 - Water Chemistry and Safety.
- : MV Primary Distribution Equipment Knowledge and Use, Schneider Electric.
- : LV Switchboards, Schneider Electric.
- : Travelling Water Screen, Tarnos.
- : Hydrogen Generation Plant.
- : GE OC (Bentley Nevada), Transducer Installation and Maintenance training course.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jun. 2013 till now
- Employer** : First National Operations & Maintenance Co. Ltd. (NOMAC)
- Project** : Qurayyah Independent Power Project (6x750MW) – Combined Cycle, KSA:
 - 6 GROUPS, TOTAL = 4000MW.
 - Siemens gas turbine (SGT6-5000F (5)), 12x235MW (SPPA T-3000 CONTROL SYSTEM).
 - Siemens steam turbines (SST6-4000 (DN)) 6x235MW (SPPA T-3000 CONTROL SYSTEM).
 - Steam turbines auxiliaries.
 - 12 BHI HRSG's.
- Job title** : I&C Engineer
- Job Description** :
 - O&M support Business development PV bidding processes.
 - Installation and commissioning of gas turbine (SGT6-5000F (5)) and steam turbines (SST6-4000 (DN)) in Qurayyah Independent Power Plant (QIPP) 4000MW.
 - I&C Engineer in QIPP Power Plant:
 - SIEMENS GT (12x235MW) (SPPA T-3000 CONTROL SYSTEM).
 - SIEMENS ST (6x250MW) (SPPA T-3000 CONTROL SYSTEM).
 - 12 BHI HRSGs (SPPA T-3000 CONTROL SYSTEM).

Dates : From Sep. 2009 till May 2013
Project : EI-Atf Power Station:

- 1 GROUP, TOTAL = 750MW.
- Mitsubishi Gas Turbine (Frame M701F), 2x250MW (DIASYS control system).
- 21/220KV Set Up Transformers.
- ANSALDO Steam Turbine 1x250MW (SYMPHONY- HARMONY control system).
- Steam turbines auxiliaries.
- Two NEM HRSG's.
- 6.6KV Switchgear.

Job title : I&C Engineer
Job Description :

- Installation and commissioning of Mitsubishi gas turbines (Frame M701F) units and Ansaldo steam turbines unit in EL-ATF Power Station.
- I&C Engineer in EL-ATF Power Plant:
 - MITSUBISHI GT (2x250MW) (DYASYS NETMATION CONTROL).
 - ANSALDO ST (1x250MW) (SYMPHONY-HARMONY CONTROL).

Dates : From Jan. 2005 till Aug. 2009
Project : Mahmoudia Power Station:

- 8 GROUPS, TOTAL = 500MW.
- General Electric Gas Turbine (Frame 5), 8x25MW each one (MKII control system).
- Rolls Royce GT (Double End – SK 60), 4x50MW each one.
- 220 / 66 / 11KV Transformers substations.
- 11 / 220KV Set Up Transformers.
- 220KV Switchyard (Sf6 circuit breakers – Isolators – wave Trap – Surge arrester).
- General Electric ST 2x50MW (MKV control system).
- Steam turbines auxiliaries (DCS INFI90 control system).
- Water treatment (PLC ALLEN BRADLEY control system).
- Tube cleaning & Debris filter system (PLC control system).
- Feeder 220KV (6 sets) & feeder (66KV).
- 11/6KV Transformers.
- 6.6KV Switchgear (Sf6 circuit breakers).

Job title : I&C Engineer
Job Description :

- Maintenance (software and hardware) DCS control system (INFI90) & GE Gas Turbine (MKII) and GE Steam Turbine (MKV).
- Maintenance hardware of OIS20 and OIS41.
- Calibrate and adjustment all valves (Electrical, Pneumatic and hydraulic).
- Calibrate and adjustment pressure switches and pressure transmitter.
- Calibrate and adjustment flow transmitters and switches.
- Maintenance temperature sensor (RTD and Thermocouple).
- Installation and adjustment of all vibration sensors (relative vibration, diff. expansion, absolute expansion, axial consumption, keyphasor, zero speed...etc.).
- Installation and adjustment of speed probes.