

Holds a B. Sc. in Electrical Engineering and has over 12 years hands-on experience working as I&C Maintenance and Construction Engineer in HRSG (Alstom, STF, NEM & AC Boiler), DCS (Alspa 320, Alstom & Yokogawa).

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 28/11/1981  
Gender : Male  
Marital Status : Married  
Residence : Sharkia

## EDUCATION

: B. Sc. in Electrical Engineering, Al-Azhar University, 2008

## LANGUAGES

Arabic : Native Language  
English : Excellent

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet  
: GE Turbine Mark Vie ToolBox  
: GE Turbine Graphic Design program (Cim Viewer)  
: Yokogawa DCS Centum VP  
: Schneider Electric Unity Pro  
: Schneider Electric Citect SCADA/ Vijeo Citect Design  
: Photoshop 8 (CS3, CS4)  
: Fire Work (CS3, CS4)

## TRAINING COURSES AND CERTIFICATIONS

: Gas turbine operation & maintenance, GT aux., GT control systems, GT troubleshooting, Compressor performance & maintenance philosophy by Mitsubishi Heavy Industries in Project site of Sidi Krir Combined Cycle (3 weeks) by Japanese group.  
: Off-shore training for Generator operation & maintenance by Mitsubishi Electric Corporation Energy Systems Center in Sidi Krir Combined Cycle Project (1 week).

- : Auxiliaries operation and troubleshooting e.g. feed water pumps, both turbine and electrical, (drum level control); circulate water pumps (sea pumps), condensate pumps, service pumps, closed cycle cooling water system and air compressors...etc. by Toshiba (3 weeks).
- : Ansaldo Steam turbine generator operation & maintenance, Condenser, ST Auxiliaries, ST safe start-up and shut-down, Steam turbine troubleshooting by Ansaldo Company in Sidi Krir by Ansaldo groups (4 weeks).
- : Off-shore training for safe start-up, shut-down Heat recovery steam generator with 3 drums (multi-pressure HRSG and all its Auxiliaries for example pre-heater sys re-heater sys. Recirculation sys. Drains and vents and blow down system...etc. by Dutch group from NEM Company (3 weeks in class, 2 weeks in local, 3 weeks in control room).
- : Off-shore training for MV SWGR'S type (RONEX). LV SWGR'S TYPE (BLOCK Set). Circuit breaker safe operation and maintenance. Protection function. Transformer classification, concept type and routine tests. EMCS system overview sepam configuration and its characteristics by French groups in Schneider Electric Company (1 week).
- : Power station operation course in Abu Qir Training Center (4 weeks).

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Mar. 2015 till now
- Employer** : Ansaldo
- Project** : El-Shabab CCPP 1500MW, Ismailia
- Job title** : I&C Construction Engineer
- Job Description** :
- Calibration of all instruments in field:
    - Pressure indicators & transmitters & switches.
    - Level transmitters & switches.
    - Ultrasonic Level transmitters & switches.
    - Flow transmitters & switches.
    - Thermocouples – RTD – temperature indicators.
  - Installation of all instruments, cable trays, conduits, instrument racks, transmitters.
  - Loop checks from control room to the field of all instruments and start-up of 2 HRSG – STF.
  - Commissioning and start-up for put in service all instrument system before steam flow.

- Dates** : From Aug. 2009 till Mar. 2015
- Employer** : WDEPC
- Project** : Sidi Krir Combined Cycle Power Station
- Job title** : Electrical Maintenance Engineer
- Job Description** :
- Supervision the specification and construction of steam turbine.
  - West Delta Witness Engineer during construction, commissioning and start-up of the steam turbine.
  - Calibration of all instruments in field:
    - Pressure indicators & transmitters & switches.
    - Level transmitters & switches.
    - Flow transmitters & switches.
    - Thermocouples – RTD – temperature indicators.

- Receiving spare parts from the companies in the project site.
- Commissioning and maintenance for debris filter and condenser tube cleaning system.
- Make overhaul maintenance for steam turbine with Mitsubishi.
- Maintenance for circulation water pump, service water pump and closed cooling water pump.

**Field of experience :**

- Installation Engineer for measuring and control devices.
- Strong background in the principles and practices of electricity generation and DCS control systems and experience with Mitsubishi, GE, Siemens and Ansaldo modules.