

Holds a B. Sc. in Electronics (Computer & Control) Engineering and has over 24 years hands-on experience working mainly in I&C field.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 08/05/1969  
Gender : Male  
Marital Status : Married  
Residence : Alexandria

## EDUCATION

: B. Sc. in Electronics (Computer & Control) Engineering, Mansoura University, 1992

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

: On-shore Training with Mitsubishi Heavy Industry in New Abu Qir Site.  
: USA – at Honeywell Co. (DCS).  
: Honeywell - Egypt.  
: ABU QIR Power Station in (DCS).  
: MARSALA ALAM Diesel Power Station by BWSC at (DCS).  
: MAN V32/40 engine training in SUDAN (ELTAKAMOL POWER STATION).  
: KUHSE training system in SIEMENS PLC and WEBFACTORY SCADA system.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Oct. 2016 till now  
**Employer** : West Delta Electricity Production Co.  
**Project** : New Abu Qir Power Plant 2x650MW, Units 6 & 7 Gas/Oil Fired Units  
**Job title** : Senior I&C Engineer

- Job Description** :
- Review project specifications and drawings issued by consultant company (PGESCO).
  - Review mechanical tenders issued by consultant company (PGESCO) such as:
    - Steam Turbine Generator and Auxiliaries.
    - Steam Generators.
    - Pumps and Drives.
    - High Pressure and Low Pressure Heaters.
    - Desalination Plants.
    - Mechanical Equipment/Pipe Installation.
  - Review and Participate in evaluation of tenderer proposals for the above tenders.
  - Review contractors submittal documents and compare it with Contractual requirements.
  - Review shop performance test for mechanical equipment prior to the Shipment.
  - Receiving, inspection, installation and test of mechanical equipment and piping systems.
  - Supervision of commissioning and start-up of mechanical Equipment.
  - Supervision of site performance test for the following:
    - Steam Turbine.
    - Steam Generator (Boiler).
    - Desalination Plant.
  - Responsible for following up unit performance and prepare all reports related to it.
  - Inspection of the PLC faults at 300MW Power Station unit.
  - BMS maintenance, modifications, troubleshooting.
  - Maintenance & installing of cards & cabinets.
  - PLC Programming by ladder, equations, steps...etc.
  - Faults and event analyses of steam boilers and turbine.
  - Carried out Boiler control system (for 300MW unit) faults.
  - Boiler instruments (flow, pressure, speed, position... etc.) calibrations.
  - Carried out Instruments and control of feed water turbine pump (1000 m<sup>3</sup>/hr 6000rpm) faults.
  - Carried out DCS faults.
  - Carried out fire alarm and firefighting faults.
  - Carried out Siemens Turbine speed Governing Wood Word.

**Dates** : From Feb. 2010 till Oct. 2016

**Project** : ELTAKAMOL POWER STATION 40MW MAN engine (Sudan)

**Job title** : Electrical Department Manager

- Job Description** :
- Responsible for Electrical installation system during plant hand over.
  - Conduct and studied KUHSE manuals instruction (16 BINDERS of operation and maintenance manuals) includes: SCADA lay out, protection relay setting, fault testing, software program, Descriptions of spare part of all panels.
  - Implement (the electrical wire and plant information drawing) tracing during the pre-commissioning and commissioning.
  - Follow up the initial of the installation programs of the power plant.
  - Planning of power plant electrical maintenance and approve application

job order.

- Review calibration plant prepared by the instrumentation and control engineer.
- Prepare, control and monitor the maintenance budget in order to ensure the department's cost effectiveness.
- Undertake monthly maintenance performance review.
- Plan, organize, coordinate and execute all planned maintenance work.
- Responsible for maintenance resources management.
- Act as Plant Manager of the power plant when the power plant manager is on leave.
- Coordinate with other on the project to carried out all outstanding comment.
- Carried out fire alarm and firefighting faults.
- Carried out MV, LV switchgear AREVA, Siemens.
- Carried out speed governing Heinzmann.
- Carried out overall maintenance for 5 engines.

**Dates** : From Oct. 2001 till Feb. 2010  
**Project** : MARSALA ALAM Power Station (30MW MAN at VARTZLA)  
**Job title** : I&C Engineer  
**Job Description** :

- Operation and maintenance of (30MW) diesel power station.
- Carried out ABB - DCS at PLC control system faults.
- Carried out ABB at VAMP protection relays faults.
- Carried out fire alarm and firefighting faults.
- Carried out MV, LV switchgear ABB, Siemens.

**Dates** : From Aug. 1994 till Oct. 2001  
**Project** : ABU QIR Power Station (950MW) steam turbine  
**Job title** : I&C Engineer  
**Job Description** :

- Inspection of the PLC faults at 300MW Power Station unit.
- Maintenance & installing of cards & cabinets.
- BMS maintenance, modifications, troubleshooting at 300MW PS.
- BMS upgrade at 4x150MW PS.
- PLC Programming by ladder, equations, steps....etc.
- Faults and event analyses of steam boilers and turbine.
- Carried out Boiler control system (for 300MW unit) faults.
- Boiler instruments (flow, pressure, speed, position... etc.) calibrations.
- Carried out Instruments and control of feed water turbine pump (1000 m<sup>3</sup>/hr 6000 rpm) faults.
- Carried out DCS faults.

**Projects:**

- Rehabilitation of the control system of 150MW units at ABU QIR Power Station from relaying control system to DCS.
- Start-up and commissioning of MARSALA ALAM Power Station (KN Co.).
- Engineering, installing, pre-commissioning and commissioning of ALTAKAMOL POWER STATION (40MW).