

Holds a B. Sc. in Electronics Engineering and has over 20 years hands-on experience working in I&C field.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 01/02/1974  
Gender : Male  
Marital Status : Married  
Residence : Alexandria

## **EDUCATION**

: B. Sc. in Electronics Engineering, Menoufia University, 1998

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet

## **TRAINING COURSES AND CERTIFICATIONS**

- : Gas turbine operation, 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.
- : 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).
- : DCS Yokogawa (CENTUM 3000) by Yokogawa Middle East Center - Bahrain.
- : Diasys netmation training by MITSUBISHI.
- : DCS ABB SYMPHONY.
- : PLC "ALLEN BRADLEY" training by ROCKWELL AUTOMATION.
- : Vibration BENTLEY NEVADA 3500 training by GE.

- : Gas compressor ATLAS COPCO training by ATLAS COPCO.
- : Training for safe start-up, shut-down Heat Recovery Steam Generator.
- : 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.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jul. 2016 till now
- Employer** : Elsewsdy Electric, PSP
- Project** : BENI SUEF CC POWER PLANT 4800MW
- Job title** : QC Manager
- Job Description** :
- Include inspection of various I&C activities/work going on at the Project site i.e. Construction Walk-downs, Testing & commissioning, Material inspections, Closing of punch list items & non-conformance reports, preparing punch lists for the outstanding items, performing proactive inspections, preparing non-conformance reports, preparation of daily, weekly & monthly progress reports.
  - Review and implement the commissioning procedures and control loop checks, verify the received Instrumentation material specifications, supervise the calibration of the instruments and function check the system components.
  - Provide technical support for commissioning and start-up, monitoring and inspection of all I&C project related activities, like field instrument installation and calibration, cable laying and termination, panel and JB's installation, cable tray and conduit work, inspect loop testing and pre-commissioning activities.
  - Participate in all site inspection testing under project inspection and test plan ITP.
  - Inspection for delivered materials to ensure verification according to approved documents from client and consultant.
  - Responsible for calibration certificates and installation certificates.
  - Responsible to walk through and turn over all systems from construction to commissioning.
  - Witness all required tests as per inspection and test plan.
  - Reply for client consultant surveillance notices with reference to contract technical specification.

- Dates** : From Oct. 2014 till Jul. 2016
- Employer** : Kharafi National
- Project** : West Damietta Simple Cycle gas turbine units
- Job title** : I&C Engineer (Calibration, Installation & Maintenance)

- Dates** : From Sep. 2013 till Oct. 2014
- Employer** : Accurate Electrical Contracting
- Project** : Etheydco's Utilities & Offsite Project, Alexandria

- Job title** : Site Manager
- Job Description** :
  - Monitor the project activities, Supervise and manage and check all activities at site and corrective action follow up according to engineering drawings.
  - Manage a team of Engineers and advise.
- Dates** : From Mar. 2011 till Sep. 2013
- Employer** : ABB Power Systems and Automation Technology
- Project** : Upgrading of Damanhour Power Plant unit 300MW damper
- Job title** : I&C Engineer (Calibration, Installation & Maintenance)
- Job Description** : Working in the Instrumentation Installation, Calibration loop test, function test and start-up.
- Dates** : From Jan. 2002 till 2010
- Employer** : West Delta Electricity Production Co.
- Project** : Sidi Krir Steam Power Plant  
(2x320MW & 750MW Combined Cycle Project (2x250MW GAS turbine Mitsubishi frame 7F, 2 NEM Heat Recovery Steam Generators, 1 Ansaldo Steam Turbine Generator 250MW))
- Job title** : I&C Maintenance Engineer
- Job Description** :
  - Maintenance Specialist Instrument & Controls (Team Leader I&C), responsible of managing all aspects of I&C maintenance of complete plant.
  - Supervise the erection works with Gas Turbine Contractor.
  - Pre-commissioning, commissioning and start-up sequence.
  - Safe start-up and shutdown for the gas turbine units.
  - Safe start-up and shutdown for the steam turbine unit.
  - Essential Responsibilities Instrumentation & Control engineer responsible for reporting on the work progress, problems analysis and problem anticipation.
  - Responsible for reliability and performance test for units.
  - DCS Daisy's notation (for gas turbine control).
  - DCS ABB SYMPHONY (for steam turbine).
  - DCS Yokogawa (CENTUM 3000).
  - PLC "ALLEN BRADLY" (for gas compressor ATLS COPCO).
  - PLC "VIPA" (for diverter damper).
  - Vibration BENTLY NEVADA 3500.
  - Field Instruments Calibration, Installation, and Commissioning & maintenance.
  - Pressure instruments (transmitters, switches ...).
  - Level instruments (transmitters, switches ...).
  - Flow instruments (transmitters, switches ...).
  - Temperature instruments (transmitters, switches ...).
  - Valve adjustment (pneumatic valves, hydraulic valves, "MOOG").
  - Gas density analyzers verifications, flow computer, gas chromatograph.
  - Gas compressor ATLS COPCO instruments.
  - Pulse compressor ATLS COPCO instruments.
  - Air intake system instrument.