

Holds a Diploma in Repairing & Maintenance of Instruments and has over 14 years hands-on experience working as I&C Technician at Power Plants.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 11/05/1974  
Gender : Male  
Marital Status : Single  
Residence : Damanhour

## **EDUCATION**

: Diploma in Repairing & Maintenance of Instruments, Industrial Secondary School, 1992

## **LANGUAGES**

Arabic : Native Language  
English : Excellent

## **COMPUTER SKILLS**

: Windows, MS Office, Internet

## **TRAINING COURSES AND CERTIFICATIONS**

: English: TOEFL.  
: Maintenance and Calibrate for instrumentation.  
: Programmable Logic Control (PLC – Siemens Step 7).

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Jan. 2015 till now  
**Employer** : West Delta Electricity Production Co.  
**Project** : Zawya Ghazal Thermal Power Plant 320MW, Egypt  
**Job title** : Senior I&C Technician  
**Job Description** : Calibrate, test, maintenance for instrumentation such as temperature, flow, level, differential pressure, pressure transmitters and switches, hydraulic and pneumatic valves (control & On/Off) and motorized valves and troubleshooting of control systems (PLC, DCS), replaces worn, damages or failed equipment and components.

**Dates** : From Jan. 2012 till Dec. 2014  
**Employer** : West Delta Electricity Production Co.  
**Project** : Zawya Ghazal Thermal Power Plant 320MW, Egypt  
**Job title** : I&C Technician  
**Job Description** :

- Working in rehabilitation project Power Plant 300MW. Help Engineer for Supervision of instrumentation and control system for the oversight of I&C day to day activities. Also have to ensure that design and implementation of I&C systems are done in accordance a good quality for installed equipment and insure that the contractors ABB follow the contract.
- Supervision and inspection of day-to-day construction activities of Instruments. Installation, Instrument cable laying, conduit installation, JB installation, Hook up installation, calibration and at the commissioning stage to startup and reliability test.

**Dates** : From Jan. 2010 till Dec. 2011  
**Employer** : NEM & TOSHIBA  
**Project** : EI-Atf Power Plant Combined Cycle (750MW)  
**Job title** : Commissioning Technician  
**Job Description** : Conducting of loop check (more than 3000 Loops) at the stage of commissioning and cold and hot start-up of project.

**Dates** : From Feb. 2003 till Jan. 2010  
**Employer** : West Delta Electricity Production Co.  
**Project** : Zawya Ghazal Thermal Power Plant 320MW, Egypt  
**Job title** : I&C Technician  
**Job Description** : Maintenance of instrumentation, test and calibrate and replaces worn, damages or failed equipment and components to support power plant operation, as the control systems consist of:

- Distributed Control System (DCS – ABB Symphony Harmony) is controlled the Babcock Wilcox steam boiler and auxiliaries.
- Electro-Hydraulic Control (EHC – Elsafe Bailey) is controlled the Ansaldo steam turbine and TSI (Turbine Supervisory Instrument) for monitoring rotor stresses, vibration, differential/absolute expansion and eccentricity.
- Programmable Logic Control (PLC – Siemens Step 7) is controlled the waste water and demineralization plant and Hydrogen generation.

**Field of experience** :

- Power Generation Projects experience gained, instrument of all I&C related to site acceptance tests through construction, commissioning and start-up. Project exposure field as Owner Technician. Conversant with a wide variety of Instrument and PLC, DCS.
- Experience with a wide variety of Instrument, Control systems consisting of DCS such as, Bailey INFI90, ABB Symphony Harmony & Yokogawa (CENTUM) Control System as well as PLC such as Siemens Step 7.