

Holds an Industrial High School degree and has over 35 years hands-on experience in the field of Instrumentation & Control Systems (construction, maintenance, troubleshooting, commissioning, start-up, loop check and calibration procedures) of steam turbine power plants & gas turbine & water treatment plants & waste water & oil & gas plants & distillate water plant.

## **PERSONAL DATA**

Nationality : Egyptian  
Gender : Male  
Marital Status : Married  
Residence : Menoufia

## **EDUCATION**

: Industrial High School

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet

## **TRAINING COURSES AND CERTIFICATIONS**

: 6 months training of Piping & Instrumentation Diagram (P&ID) about Shoubra El-Kheima Power Plant (by BECHTEL USA COMPANY).

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Jan. 2017 till Nov. 2019  
**Employer** : GS (ENGINEERING & CONSTRUCTION)  
**Project** : ERC REFINERY PROJECT  
**Job title** : Instrument Supervisor  
**Job Description** :

- INSTRUMENTATION CALIBRATION, LOOP CHECK, FUNCTION TEST FOR THE FOLLOWING TYPE OF INSTRUMENTS.
- PRE-COMMISSIONING, COMMISSIONING FOR ALL INSTRUMENTS.
- START-UP FOR ALL INSTRUMENT TYPE AND TROUBLESHOOTING.
- FOLLOWING UP THE INSTRUMENT CONSTRUCTION ACCORDING THE HOOK UP SPECIFICATION - I.T. PLAN DETAIL & LAYOUT DRAWING.

**Dates** : From Dec. 2014 till Jan. 2017  
**Employer** : INITEC ENERGIA  
**Project** : SUEZ THERMAL POWER PLANT 1x650MW  
**Job title** : Instrument Lead Supervisor  
**Job Description** :

- Instrumentation calibration, troubleshooting & maintenance for the following type of instruments: TRANSMITTERS, SWITCHES, CONTROL VALVES, THERMOCOUPLES.
- Start-up & loop check for all instrument type and troubleshooting.
- All instrument following pre-commissioning, commissioning.
- Instrument installation for the following type of instruments.
- Following up the instrument construction according the hook up specification & I.T. plan detail.

**Dates** : From Oct. 2011 till May 2014  
**Employer** : GMS (BONATTI – DIETSMANN) ITALIAN COMPANY  
**Project** : WEST LIBYA GAS PROJECT MELLITAH PLANT & WAFA COAST PLANT  
**Job Description** : Field Instrument Maintenance and troubleshooting on the following units:

- Utilities.
- Desalination.
- Gas Treatment (03 Sweetening Trains).
- Sulphur Treatment (03 Trains).
- Jetty Gas & Oil Loading Armes.
- WAFA OIL (2 TRANIS).

**Dates** : From May 2011 till Oct. 2011  
**Employer** : KHARAFAI NATIONAL COMPANY  
**Project** : DAMIETTA POWER PLANT 4 GAS TURBINE FRAME (9FA GE) 4x125MW  
**Job title** : Instrument Supervisor  
**Job Description** :

- All Instrument following pre-commissioning, commissioning.
- Start-up for all I&C and troubleshooting for GE turbine.
- Loop Check up to MARK 6 and re-calibration at turbine site before start-up.

**Dates** : From Oct. 2008 till Feb. 2011  
**Employer** : GMS (BONATTI – DIETSMANN) ITALIAN COMPANY  
**Project** : WEST LIBYA GAS PROJECT MELLITAH PLANT & WAFA COAST PLANT  
**Job Description** : Field Instrument Maintenance on the following units:

- Utilities.
- Desalination.
- Gas Treatment (03 Sweetening Trains).
- Sulphur Treatment (03 Trains).
- Jetty Gas & Oil Loading Armes.

**Dates** : From Oct. 2007 till Aug. 2008  
**Employer** : CARLO GAVAZZI EGYPT and GS ENGINEERING & CONSTRUCTION CORP KOREAN COMPANY  
**Project** : EXECUTION OF EGYPTIAN LINEAR ALKYL BENZENE CO. (ELAB)

**Job title** : Instrument Supervisor  
**Job Description** :

- Instrumentation calibration, Loop Check for the following type of Instruments: Transmitters, Switches, Control Valves, Thermocouples & RTD.
- Instrument installation supervision for instruments.

**Dates** : From Mar. 2007 till Aug. 2007  
**Employer** : EL-KHARAFI NATIONAL CO. (KUWAIT)  
**Project** : EXECUTION OF EL-DOHA POWER STATION 8x300MW  
**Job title** : Instrument Foreman  
**Job Description** : Instrumentation calibration, troubleshooting and maintenance for the following type of instruments: Transmitters, Switches, Control Valves, Thermocouples.

**Dates** : From Apr. 2000 till Mar. 2007  
**Employer** : ANSCO (ITALIAN CO.)  
**Project** : EL-GABAL AL-ASFER  
**Job title** : Instrument Foreman  
**Job Description** :

- Instrument installation for instruments.
- Instrumentation calibration, troubleshooting and maintenance for the following type of instruments: Temperature Controller, Ultrasonic Flow Transmitter, Electromagnetic Flow Transmitter, Capacitive Level Switches, Pressure Transducers Level Transmitter, Actuators, Temperature Transmitter and PLC Hardware.

**Dates** : From Jun. 1996 till Mar. 2000  
**Employer** : ANSALDO INDUSTRIAL (ITALIAN CO.)  
**Project** : EXECUTION OF EL-KUREIMAT POWER STATION 2x600MW  
**Job title** : Instrument Technician  
**Job Description** :

- Instrument Maintenance Department.
- Instrument Loop Test.
- Instrument Calibrations and Troubleshooting.
- Instrument installation of instruments.

**Dates** : From Jun. 1995 till Feb. 1996  
**Employer** : ANSALDO ENERGIA SPA (ITALIAN CO.)  
**Project** : EXECUTION OF ASSIUT THERMAL POWER PLANT STATION 300MW EXTENSION II, ASSIUT – EGYPT  
**Job title** : Instrument Technician  
**Job Description** :

- Start-up operation for the electrical instrumentation devices, pneumatic valves and motorized valves.
- Check out and troubleshooting of the instrument and Loops.

**Dates** : From Aug. 1985 till May 1995  
**Employer** : EGYPTIAN ELECTRICAL AUTHORITY (EEA)  
**Project** : SHOUBRA EL-KHEIMA 4x315MW POWER PLANT  
**Job title** : Instrument Technician

- Job Description** : Maintenance, calibration and adjustment for all instruments such as:
- Pneumatic Control Valves.
  - Pressure, Temperature, Level and Flow Transmitters.
  - Switches & Controllers.
  - Turbine Supervisor System (WESTINGHOUSE).
  - Turbine Control Digital System (MEH) (WESTINGHOUSE).
  - Emergency Trip System.
  - Steam Turbine & Electric Feed Pumps System.
  - Steam Bypass Hydraulic & Serv V/V/S Control System.
  - All instruments transfer from mechanical to electrical signals.
- Field of experience** :
- Over 35 years experience activity in the field of instrumentation & control systems (maintenance, trouble shooting, commissioning, start-up, loop check and FUNCTION TEST, calibration, construction) procedures of steam turbine power plants & gas turbine & water treatment plants & waste water & oil & gas plants & distillate water plant.
  - Calibration of various types of Pneumatic and electronic Instrumentation, pre-commissioning, commissioning and start-up.
  - Supervising and carrying out activities associated with construction functions at different location.
  - SUPERVISING installation in establishing priorities, recommend improvement to work methods and studies minor modifications.