

Holds a Technical Diploma and B. Sc. in Commerce (Financial Accounting). Has about 24 years hands-on experience working in instrumentation & control systems (construction, maintenance, troubleshooting, commissioning, start-up, loop check and calibration) procedures of steam turbine power plants & gas turbine & water treatment plants, oil & gas plants & distillate water plant.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 27/10/1971  
Gender : Male  
Marital Status : Married  
Residence : Cairo

## **EDUCATION**

: Diploma from Industrial Technical Institute, Cairo, 1993  
: B. Sc. in Commerce (Financial Accounting), Cairo University, 2000  
: Diploma in "Financial Accounting specialization" from Cairo University

## **LANGUAGES**

Arabic : Native Language  
English : Excellent

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel, Power Point), Internet

## **TRAINING COURSES AND CERTIFICATIONS**

: 7 months training course VIA OVERSEAS BECHTEL INC (OBI): Basics and Site Specifics Training Courses constituting a program of concentrated study of power plant equipment system theory and application about Shoubra El-Kheima Power Station (from Mar. till Oct. 1996).

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Jan. 2016 till now  
**Employer** : Petroment  
**Project** : Rashpeatco Oil & Gas Rasheed Burullus Field  
**Job title** : Instrument Maintenance Supervisor

**Dates** : From 2013 till 2015  
**Employer** : DOOSAN Heavy Industries and Construction  
**Project** : Ain Sokhna Electricity Authority Power Station  
**Job title** : Instrument Supervisor  
**Job Description** :

- Loop check for all boiler instruments using Yokogawa hart communicator.
- Field calibration & parameters modification for transmitters.
- Loop check & function check for solenoid valves, control valves (SIEMENS & ABB) & Motorized valves (AUMA).
- Loop check for control dumpers (ABB) & shutoff dampers.
- Loop check for boiler soot blowers.
- Auto Calibration for all control valves & control dampers.
- Motorized valves Calibration.
- Loop check & Function check for all valves & equipments on burners skids.
- Line check for all valves & instruments cables.
- Troubleshooting for transmitters and valves problems.

**Dates** : From 2011 till 2013  
**Employer** : Carlo Gavazzi Co.  
**Projects** : MELLITAH & WAFA COAST PLANT – LIBYA  
**Job Description** : General maintenance service.

**Dates** : From Mar. 2010 till Mar. 2011  
**Employer** : Dubai Electricity & Water Authority  
**Project** : DEWA Power Station  
**Job Description** : Commissioning & start-up, loop check and maintenance, calibration in laboratory & field.

**Dates** : From Dec. 2008 till Mar. 2010  
**Employer** : Egypt Maintenance Company (EMC)  
**Project** : Qaruon Company – Krama Field

**Dates** : From Jun. 2008 till Oct. 2008  
**Employer** : Carlo Gavazzi Co.  
**Projects** :

- ELAB – Petrochemical Field in Alexandra
- Petrobel Field in Port Said

**Dates** : From 2006 till 2008  
**Employer** : Egypt Maintenance Company (EMC)  
**Project** : UGD Co. – Port Said Field

**Dates** : From 2005 till 2006  
**Employer** : Egypt Maintenance Company (EMC)  
**Project** : Union FENOSA – SEGAS (LNG Project) in New Damietta Field

- Dates** : From 2004 till 2005  
**Employer** : Petroment Maintenance Company, Bapetco Co.  
**Project** : Al-Obayed Field
- Dates** : From 2003 till 2004  
**Employer** : Egypt Maintenance Company (EMC), SOCO Oil Co.  
**Project** : RAS BADRAN Field
- Dates** : From 2001 till 2003  
**Employer** : Egypt Maintenance Company (EMC), SOCO Oil Co.  
**Project** : Abu Rdees Field
- Dates** : From 2000 till 2001  
**Employer** : Egypt Maintenance Company (EMC), Petrobel Co.  
**Project** : Abu Rdees Field
- Dates** : From 1993 till 2000  
**Project** : Shoubra El-Kheima Power Station  
**Job Description** : Instrument maintenance, calibration and adjustment for all Instrument Department.
- Field of experience** :
- Summary:
    - Calibration and maintenance of the control instruments (Electronic and Pneumatics).
    - Troubleshooting for transmitters and valves problems.
    - Calibration of all motorized and pneumatic control V/V.
    - Check out and troubleshooting of the instruments loops.
    - Calibration of all instruments in "Laboratory".
    - Install all instrument equipment.
  - Gas and Oil field:
    - Gas derivatives plant experience:
      - Maintenance troubleshooting for DSC control system (Foxboro I/A series).
      - Maintenance troubleshooting for turbo – expander magnetic bearing (mafi – trench).
      - Maintenance and troubleshooting for utility area of gas plant which includes the following package:
        - Instrument air compressor with oil separator (gardener).
        - Instrument air dryer.
        - Hot oil heater (12 burners).
        - ABB analyzer.
        - FES refer generation compressor.
        - Loading arm for charging propane to shipment.
      - Calibration, troubleshooting and maintenance of the following instruments:
        - On – off valves with it's operating panel type.
        - Motorize valves type (groove).
        - Fisher control valves with it's smart positioner.

- ABB control valves with it's smart positioner.
  - Responsible for maintenance and troubleshooting of fire & gas system, which includes the following:
    - Deluge valves.
    - Open path gas detector type (detronic).
- Gas plant experience:
  - Maintenance troubleshooting for DCS control system (Honeywell TDC 3000).
  - Maintenance troubleshooting for turbo – expander.
  - Maintenance and troubleshooting for utility area of gas plant, which includes the following packages:
    - Instrument air compressor (Atlas Copco).
    - Instrument air dryer.
    - Hot oil heater.
    - Nitrogen unit.
- Fire fighting system which includes:
  - Two water Jockey pumps.
  - Two water Diesel pumps.
- Calibration, troubleshooting and maintenance of the following instruments:
  - Bentley Nevada system model 3300 for protecting compressor form "temperature, vibration and velocity".
  - Anti surge control valves.
  - Control valves (abb, fisher, masoneilan, mallard & valtec) with it's I/P & positioner or PIC (pneumatic).
  - ESD / OSD control valve (on / off valve).
  - Pressure safety relief valve (PSV).
  - Pressure, flow, level and temperature switches.
  - Pressure, flow and temperature chart recorder.