

Holds an Industrial Diploma and has over 14 years' experience working in I&C maintenance field.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 01/07/1988  
Gender : Male  
Marital Status : Single  
Residence : Giza, Cairo

## **EDUCATION**

: Industrial Secondary School Diploma in Instrumentation & Control Power Stations for 3 years (2005)

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

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

## **TRAINING COURSES AND CERTIFICATIONS**

: Water and Waste Water Treatment (E.M.I.T).  
: Measurement Instruments Calibration (Cairo Electricity Production Company).  
: Steam Turbine Protection Instruments (Cairo Electricity Production Company).  
: Field instruments - operation maintenance (Cegelec).  
: Fire Fighting course.  
: Industrial safety program – Cairo Electricity Production Company.  
: Basics and Site Specifics Training Courses, constituting a program of concentrated study of power plant equipment and systems theory and application.

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Oct. 2007 till now  
**Employer** : Cairo Electricity Production Company

**Project** : Cairo North Power Station  
**Job title** : I&C Maintenance Technician  
**Job Description** :

- Periodic Maintenance & Inspection for all I&C Equipments.
- Commissioning & start-up of gas turbines Instruments.
- Commissioning & start-up of HRSG & Steam turbine Instruments.
- Commissioning & start-up of Different Control Valves (Pneumatic – Motorized – Hydromantic).
- Continuity and Loop Check Tests.
- Calibration Diff. Pressure, Pressure, Level, Flow, Temp, Transmitters.
- Calibration using: Field bus System HART Comm. 375.
- Pneumatic Valves.

**Dates** : Jan. 2016  
**Employer** : San Misr (Egypt Oil & Gas)  
**Job title** : I&C Technician  
**Job Description** : Overhaul Inspection for three turbine mod. Bgt10.

**Dates** : Jan. 2014  
**Employer** : San Misr (Egypt Oil & Gas)  
**Job title** : I&C Technician  
**Job Description** : Overhaul Inspection for one turbine mod. Bgt10.

**Field of experience** : Preventive, protective & corrective maintenance for different power plant equipments:

- GT-3 (GE Frame 9FA) Warranty inspection (March 2008).
- GT-4 (GE Frame 9FA) Warranty inspection (April 2008).
- GT-3 (GE Frame 9FA) hot gas path inspection (September 2009).
- Overhaul of natural gas compressor (Atlas Copco) (October 2009).
- GT-2 (MHI Frame 701F) combustor inspections (Dec. 2009).
- GT-1 (MHI Frame 701F) combustor inspections (Dec. 2009).
- GT-4 (GE Frame 9FA) Hot gas path inspection (May 2010).
- GT-4 (changing 3 fuel nozzles due to height spread GE Frame 9FA) (October 2010).
- GT-3 (GE Frame 9FA) combustor inspection (Nov. 2010).
- Major overhaul GT-1 (MHI Frame 701F) (April 2011).
- GT-4 (GE Frame 9FA) Turbine inspection (June 2011).
- GT-1 (MHI Frame 701F) Major overhaul (Oct. 2011).
- GT-1 (MHI 701F) Combustor inspection (Sep. 2012).
- GT-2 (MHI 701F) Combustor inspection (Oct. 2012).
- GT-3 (GE Frame 9F) Major overhaul inspection (Jun. 2013).
- GT-1 (MHI 701F) Hot gas path inspection (Nov. 2013).
- GT-2 (MHI 701F) Hot gas path inspection (Feb. 2014).
- GT-3 (GE Frame 9F) Combustor inspection (Jun. 2014).
- Feb. 2016 (Combustion Inspection) for the G.E. gas turbine (9FA+E) this included replacement of all the 18 cans.
- Mar. 2016 (Hot gas path inspection) for the M.H.I (M701F) gas turbine which included the rotor lifting and the replacement of the all combustion chambers and all the Nozzles and Buckets of the four stages and

generator rotor inspection.

- Apr. 2016 (Hot gas path inspection) for the M.H.I (M701F) gas turbine which included the rotor lifting and the replacement of the all combustion chambers and all the Nozzles and Buckets of the four stages and generator rotor inspection.
- Nov. 2016 (Hot gas path inspection) for the G.E gas turbine (9FA+E) which included the replacement of the all combustion chambers and all the Nozzles and Buckets of the three stages.
- Jan. 2017 (Hot gas path inspection) for the G.E gas turbine (9FA+E) which included the replacement of the all combustion chambers and all the Nozzles and Buckets of the three stages.
- Jan. 2018 (Combustion Inspection) for the M.H.I (M701F) gas turbine which included replacement of all the 18 cans, liners, transition pieces.
- Feb. 2018 (Combustion Inspection) for the M.H.I (M701F) gas turbine which included replacement of all the 18 cans, liners, transition pieces.
- Apr. 2018 Overall Inspection for Atlas Copco Gas Compressor which included changing mechanical dry gas seal.
- Oct. 2018 (Combustion Inspection) for the G.E. gas turbine at Giza North Power Station (9FA+E) which included replacement of all the 18 cans, liners, transition pieces.
- Jaica works (Jan. – Jun. 2019):  
Made over all major inspection and change the rotor of the turbine and including the following works:
  - Change the gas chromatography anew one including its wiring and piping and all commissioning test for it.
  - Install a new device gas calorimeter including wiring and piping and all commissioning test for it.
  - Change flowmeter including wiring, piping and all commissioning test for it.
  - Replace all control cards and its panel modifications.
  - Install new devices parametric pressures including wiring and piping and its commissioning test.
  - Install all control valves actuators including commissioning test for it.