

Holds a B. Sc. in Communications & Electronics Engineering and has over 5 years hands-on experience, including 4 years working as I&C Engineer at Attaqa Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/12/1988
Gender : Male
Marital Status : Single
Residence : Suez

EDUCATION

: B. Sc. in Communications & Electronics Engineering, Alexandria University, 2011
: Secondary Education: Experimental Language School, Suez, 2006

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet
: Linux (Ubuntu), Matlab and AutoCAD

TRAINING COURSES AND CERTIFICATIONS

: Internships at:

- Telecom Egypt, Alexandria, Egypt, Telecommunications Engineering Trainee (Jul. 2010).
- Banha Electronics, Banha, Qalubia, Egypt, Maintenance Engineering Trainee (Jul. 2009).
- Attaqa Electricity Production Co., Suez, Egypt, Operation Engineering Trainee (Jul. 2008).

: Mechanical Maintenance Training for SGT5-2000E GT Package, Attaqa Site, Suez, Egypt (Sep. 2015) (Certified from Siemens).

: Basic Operation Training (BOT) for SGT5-2000E GT Package, Attaqa Site, Suez, Egypt (Aug. 2015).

: Siemens Power Plant Automation T3000 MMI Operator Training, Siemens Training facility, Erlangen, Germany (Aug. 2015) (Certified from Siemens).

: Electrical Protection, Attaqa Training Center, Suez, Egypt (Nov. 2014) (Certified).

- : Quality assurance, Attaqa Training Center, Suez, Egypt (Aug. 2014) (Certified).
- : Vibrations and Shaft Alignment, Attaqa Training Center, Suez, Egypt (Jan. 2014) (Certified).
- : Occupational Safety and Health, Attaqa Training Center, Suez, Egypt (Feb. 2014) (Certified).
- : Steam Power Station Operation On Job Training, Attaqa Training Center, Suez, Egypt (Jun. 2013) (Certified).
- : Instrumentation and Measurement Equipment Course, Attaqa Training Center, Suez, Egypt (May 2013) (Certified).
- : Samsung Hand Held Phones (HHP) Certification Program For Egypt (Mar. 2013) (Certified form Samsung with Grade Expert).
- : Cisco Certified Network Associate (CCNA), CNP Network Solutions Company, Cairo, Egypt (Dec. 2011).
- : Siemens PLC (S7-200), New Horizons Center, Alexandria, Egypt (Jul. 2010) (Certified).
- : Mobile Technology up to 4th Generation, New Horizons Center, Alexandria, Egypt (Aug. 2010) (Certified).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From May 2015 till now
- Employer** : East Delta Electricity Production Company
- Project** : Attaqa Gas Turbine Project (640MW), Suez, Egypt
A new power plant project with total gross power of 640MW using 4 Siemens gas turbines (SGT5-2000E) with Siemens Power Plant Automation (SPPA T3000) as a control system.
- Job title** : I&C Engineer
- Job Description** :
 - Started the project from scratch and attended the construction and the erection phase in both mechanical and electrical part.
 - Followed up and supervised the installation of all I&C equipment include field instruments, control valves, cable trays, cable laying and I&C cabinet in the PCC.
 - Followed up the testing phase of cables and instruments with the GT Protection System and the Fuel Control Valves and Inlet Guide Vane Tuning (Cold Commissioning).
 - Followed up the first start-up and the hot commissioning of the Gas Turbines with Siemens team.
 - Followed up the installation and the commissioning of the SPPA T3000 DCS.
- Dates** : From May 2013 till May 2015
- Employer** : East Delta Electricity Production Company
- Project** : Attaqa Steam Power Plant (900MW), Suez, Egypt
An old power plant since the 80's with total gross power of 900MW using 4 Siemens steam turbines and Ovation DCS from Emerson Process Management Co.
- Job title** : I&C Engineer
- Job Description** :
 - Fault finding, analysis and troubleshooting, calibration and inspection of:
 - All types of field instruments (Temperature, Speed and Vibration).

- All types of transmitters (Pressure, Flow and Level) using HART Field Communicator.
- All types of control valves (Motorized, Pneumatic or Hydraulic Actuated).
- Feedback positioners and local controllers using HART.
- Routine, corrective and preventive maintenance for:
 - All boiler instruments and Burner Management System (BMS).
 - All turbine supervisory instruments and turbine SPC.
 - All plant auxiliaries (BOPs) instruments.
 - Air compressors instruments.

Dates : From Jan. 2012 till May 2013

Employer : Raya Distribution Company, Samsung Service Center, Nasr City, Cairo, Egypt

Job title : Maintenance Engineer

Job Description : Working on a special team that is responsible for:

- Increasing the quality of repairing of Samsung smart phones by decreasing the return rate of the phones after repairing.
- Maintaining Samsung's Key Performance Indicators (KPIs).
- Finding new technical tips that facilitate and decrease the time of repairing.
- Reporting quality issues in the new models of Samsung Smart phones.