

Holds a B. Sc. in Communication Engineering and has over 18 years hands-on experience in power plants' instrumentation systems.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 17/11/1969
Gender : Male
Marital Status : Married
Residence : Qalubia

EDUCATION

: B. Sc. in Communication Engineering, Menoufia University, 1992

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Training course in Japan for the operation and maintenance for gas turbines capacity 250MW model M701F (1 month).
- : Westinghouse electric WDPF software operation and maintenance course, Cairo South Power Station, May 1998.
- : Transformer fire prevention system, Network Training Center (NTC), 3 weeks.
- : Analysis of GT exhaust gases, NOx, 1 week.
- : Training course in essential power plant components, Shoubra El-Kheima Power Plant Training Center, 4 months.
- : Training course in USA for the operation and maintenance for gas turbines capacity 250MW GE frame 9e speed tronic Mark VI control system, 1 month.
- : Training course of 08-3 Direct Hire GT MARK VI controls at Belfort – FRANCE, from Jun. till Aug. 2008.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From May 2010 till now
Employer : [EGYPTROL](#), Subcontractor for NEM – a Dutch Boiler Fabricating Company
Project : Sidi Krir Power Plant 750MW, 2 HRSG modules
Job title : Senior I&C Engineer
Job Description :

- Calibrate and assure successful operation of field instruments.
- Coordination with Control Room operators to troubleshoot and resolve all instrumentation and final control elements (valves and actuators) issues.

Dates : From Jan. 2010 till May 2010
Employer : [EGYPTROL](#), Commissioning & Operation Subcontractor for BoP Electrical and Mechanical Contractors TOSHIBA/TOYOTA
Project : El-Atf Combined Cycle Power Plant 750MW
Job title : Senior I&C Engineer
Job Description :

- Perform calibration at EGYPTROL field calibration lab.
- Perform field calibration for instruments in process lines.
- Control system loop checking to release for commissioning.
- Support operation team in resolving control systems issues.

Dates : From Jun. 2008 till Dec. 2009
Employer : Granite Service International Inc.
Job Description :

- GK SCA Hassi Delaa Site – ALGERIA (Feb./Mar. 2009):
 - Perform the cold/hot loop checks and start-up tests for 4 gas turbines Mark VI control system, which updated from Mark II to Mark VI.
- El-Kureimat Power Station (Apr./May 2009):
 - Worked as a Shift Engineer for 2 GE frame MS9001FA controlled by speedtronic Mark VI control system.
- PP8 Site at Riyadh – KSA (Saudi Electric Company), from May till Aug. 2009:
 - Worked as Guaranty & Control Engineer for 4 Gas turbines GE frame MS7001FAe controlled by Mark VI control system.

Dates : From 2002 till Jun. 2008
Project : Cairo North Power Station:
Consists of 2 modules (I & II), each module of 750MW capacities. Each module contains 2 gas turbines (2x250MW), HRSG and one steam turbine (1x250MW).
Module 1:

- Gas turbine manufacturer is Mitsubishi Co., Japan, model M701F.
- Control system of GT is Diasys Netmation with Win NT application (work space manager & Orca view applications).
- Steam turbine manufacturer is Hitachi Co., Japan.
- Control system of ST GE speedtronic Mark VI.

Module 2:

- Gas turbine manufacturer is GE frame MS9001FA controlled by speedtronic Mark VI control system.

- Job Description** :
- Steam turbine manufacturer is ALSTOM.
 - Worked in I&C dept.
 - Attendance all commissioning for I&C equipments (installation & calibrations & loop test and function check).
 - Perform the combustors & turbine inspection with MHI & GE stuff.
 - Start-up the gas turbines and perform all the troubleshooting and the periodic maintenance during the normal operation.
 - Preparing the spare parts list for I&C equipments.
- Dates** : From Oct. 1996 till 2002
- Project** : Cairo South Combined Cycle Plant 1x170MW (GT 110MW + ST 60MW):
- GT control system is GE speedtronic Mark IV and ST control system is GE speedtronic Mark V.
 - GT model GE MS 9001E, frame 9.
 - 3 gas turbines simple cycle 3x110MW control system is GE speedtronic Mark IV.
 - WDPF DCS control system.
 - Water treatment unit with control system Allen Bradley PLC 5/15 and 5/30.
- Job Description** :
- Worked in I&C dept.
 - Performed all maintenance activities for the above systems.
 - Worked on all the field instruments related to the above systems.
- Dates** : From Mar. 1996 till Oct. 1996
- Project** : Cairo South Power Station
- Job Description** :
- Shift Engineer in the simple cycle gas turbine plant 3x110MW.
 - Operation of the 3 GT, which were connected to 3 HRSG which are feeding 4 steam turbines 4x60MW.
- Dates** : From Jan. 1993 till Jul. 1995
- Employer** : Armed Forces, Air Defense dept. (Radar battalion)
- Project** : Military Service
- Job title** : Officer Engineer
- Job Description** : Operation and maintenance for all I&C instruments and computers.