

104671-ICX-1CMO-E-2004
I&C Construction & Maintenance Engineer

Holds a B. Sc. in Electronics & Electrical Communications Engineering and has over 12 years hands-on experience, including 11 years working as I&C Construction & Maintenance Engineer at El-Kureimat III Combined Cycle Power Station (750MW).

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Marital Status : Married
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Electronics & Electrical Communications Engineering, Cairo University, 2004

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : SPPA-T3000 Engineering, Maintenance & Service (Germany - Siemens Power Academy).
- : SPPA-T3000 Administration and Commissioning part 1 (Germany - Siemens Power Academy).
- : Operation and maintenance for GE Gas turbine Power Stations by GE trainers.
- : GE control system for gas turbine (MARK VI) by GE trainer.
- : SEMATIC S7-300/400 (TECHINT CIMI MONTUBI).
- : On Site Training for Field Instrumentation (TECHINT CIMI MONTUBI).
- : Steam Turbine Generator Instrument & control (ALSTOM Power System GmbH - Egypt).
- : SEMATIC Step 7 (MAS TRADING).
- : TRAVELLING WATER SCREENS/TRASH RAKE (TARNOS).
- : Allen Bradley control system by Mass Trainers (El-Kureimat Site).
- : On-job training course in Air Compressors (BOGE compressors), El-Kureimat Site.

- : On-job training course in "System 1 and Bentley Nevada" by GE trainer.
- : CCNA (Cisco Certified Network Associate).
- : Fire Fighting (Civil Protection).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Mar. 2006 till now
- Project** : El-Kureimat III Combined Cycle Power Station (750MW):
- 2x250MW gas turbine
 - 250MW steam turbine
- Job title** : I&C Construction & Maintenance Engineer
- Job Description** :
- Work include:
 - Gas turbine "GE mark VI control for gas turbine".
 - Steam turbine "Alspa P320 control for steam turbine".
 - HRSG "Alspa P320 control".
 - Work include:
 - Commissioning and start-up GE 9FA Gas Turbines.
 - BOP Equipments maintenance and troubleshooting using S 7-400 PLC.
 - Fire protection commissioning and test for gas turbine "Chemetron".
 - Loop Check Test, Calibration, Maintenance for all Field Instruments.
 - Graphic Developer (WINCC for Siemens and Cimplicity for Mark VI).
 - Analysis & Report Events and Trips for all Equipment.
 - Review & Add the Recommended Spare Parts for Instruments & Control System.
 - Commissioning and start-up and maintenance of the following systems:
 - CEMS (Using GE Fanuc LM 90-30).
 - Diesel Generator (Using GE Fanuc LM 90-30).
 - Air Compressors "BOGE" (using Prime controller).
 - Trash Rack (Using Siemens PLC step 7 -300).
 - Diverter Damper (Using Siemens PLC step 7 -300).
 - Gas Chromatograph (Emerson GC-700), Calibration, changing columns, etc.
 - Bentley Nevada vibration monitoring system:
 - 3500 Monitoring System Installation & Configuration and maintenance.
 - System 1 (configuration software, Tools).
 - Upload, down load programs from and to all PLCs.
 - Commissioning, Check All Control Circuits for Bop Equipment.
 - Troubleshooting & Maintenance Software and Hardware of all field instruments.
 - Support the Operation of Plant in any time during happen any fault and need quick action from I/C Eng. to keep the unit in Operation, also helping & clarification to Operators for any question about Controls of Equipment.

Dates : From Nov. 2014 till Jan. 2015
From Apr. 2013 till Jul. 2013
Employer : ISCOA Training Center (a SIEMENS Company)
Job title : Instructor for Gas Turbine and "Instrumentations and control" courses

Dates : From Apr. 2005 till Mar. 2006
Employer : Sahara Group for Engineering and Trading
Job Description : Technical and Commercial Engineer for GE Druck and GE Panametrics products and GE sensing products.

Field of experience :

- 12 years of industry experience.
- 11 years' experience in El-Kureimat III Combined Cycle Power Station (750MW) (GE gas turbine, 9FA, Mark VI).
- 1 year experience in Sahara Group for Engineering and Trading (GEPANAMETRICS, GEDRUCK Distributer): Technical and Commercial Engineer.
- 6 months ISCOA Training Center, I&C Instructor for courses:
 - PLC Step 7 -300, Step 7-400.
 - DCS.
 - MK VI.
 - Simadyn.
 - Instrumentations and control.
 - Gas Turbine operation.