

Holds a B. Sc. in Electronic & Electrical Communication Engineering and a Diploma in Automatic Control Systems. Has over 16 years hands-on experience working in I&C field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 02/06/1979
Gender : Male
Marital Status : Married
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Electronic & Electrical Communication Engineering, Menoufia University, 2003
: Diploma in Automatic Control Systems, Cairo University, 2009

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

: Operation Training Course for 6th October Combined Cycle Power Plant Project Add-On, Ansaldo Energia Company, Genova - Italy (Sep. 2019).
: ALSPA P320 Distributed Control Systems DCS Maintenance Activities (CONTROBLOCK, CENTRALOG and CONTROCAD ENGINEERING SOFTWARE), ALSTOM Company, Massy - France (from Oct. 2018 till Jan. 2019).
: Gas Turbine Auxiliaries System in Cairo North Training Center of CEPC.
: I&C Maintenance Training for Heat Recovery Steam Generator.
: Allen Bradley RS LOGIX 5000 Trouble Shooting & Maintenance (in Raida Elsewdy Co.) in Egypt.
: Allen Bradley SCADA system RSView 32 (at Raida Elsewdy Co.) in Egypt
: Speedtronic Mark-VI at El-Kureimat Training Center in Egypt.
: Siemens PLC S7-200 at Network Training Center in Egypt.
: Siemens PLC S7-300 at El-Kureimat Training Center in Egypt.

: Computer maintenance course Hardware & Software at Menoufia University.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2017 till now
Employer : CAIRO ELECTRICITY PRODUCTION COMPANY (CEPC)
Project : 6th October Combined Cycle Power Plant Project Add-on (950MW) by Ansaldo Energia (4 GT AE94.2 + 4 HRSG AC Boiler + ST M20)
Job title : Shift Charge Engineer
Job Description : Operation issues for all power plants from commissioning till commercial operation.

Dates : From Jul. 2014 till Jul. 2017
Employer : CAIRO ELECTRICITY PRODUCTION COMPANY (CEPC)
Project : 6th October Power Plant (4x150MW) 600MW Simple Cycle Project
Job title : Operation Engineer
Job Description : Operation issues for (4 GT 94.2AE).

Dates : From Mar. 2012 till May 2014
Employer : Arabian BEMCO Contracting Co. Ltd., Saudi Arabia
Project : Qassim Extension III (QCPP Ext-III) in Saudi Arabia
Job title : Commissioning and Start-up I&C Engineer
Job Description :

- Handle and supervise the test & commissioning for Gas Turbine control system (Mark-Vie) and auxiliary systems with the GE vendors.
- Support the operation team for any I&C maintenance issues related to Gas Turbine (Control System Toolbox MARK-VIe) and auxiliary systems after commissioning of the units.
- Handle and supervise the test & commissioning for crude oil heater system with the vendor.
- Handle and supervise the test & commissioning for battery chargers and UPS system with the vendor.
- Handle and supervise the test & commissioning for Fire protection & Control System with the vendor.
- Handle and supervise the test & commissioning for ATLAS COPCO's Service & Instrument Air compressors system with the vendor.
- Handle and supervise the test & commissioning for Collection Drainage System with the vendor.
- Work closely with the clients to understand numerous problems and find innovative solutions.
- Interaction with vendors to find solutions based on project requirements and to handle warranty and maintenance issues.
- Support Electrical Start-Up team for the activities such as Megger & Energize for electrical equipments such as (Switch Boards, Switchgears, transformers, UPS, Battery chargers, Local Control Panels, Lighting panels, one Hrs Test for Pump Motors, etc...).

Dates : From Apr. 2010 till Mar. 2012
Employer : New and Renewable Energy Authority (NREA)
Project : Integrated Solar Combined Cycle (ISCC - Kureimat) Turn Key Project
Job title : Commissioning and Start-up I&C Engineer
Job Description :

- Attended all Gas Turbine Tests and commissioning from the First Crank till Base Load checks (GE Gas Turbine frame 6FA+e with Mark-VI Control system).
- Attended all Steam Turbine Tests and commissioning (Siemens Steam Turbine (PCS7) SST-900).
- Attended all HRSG (NeM) Tests and commissioning.
- Attended all DCS (ABB with Compact Control Builder AC800M) Tests and commissioning.

Dates : From Jul. 2006 till Mar. 2010
Employer : Upper Egypt Electricity Production Company (UEEPC)
Project : EI-Kureimat III 750MW Combined Cycle Power Plant
Job title : Commissioning and Start-up I&C Engineer
Job Description :

- Review I&C drawings according to the contract specification for HRSG and DCS (HRSG by CMI and DCS by ALSTOM with control system ALSPA P320).
- Review I&C drawings according to the contract specification for steam turbine (ALSTOM with control system ALSPA P320 TGC).
- Attended all test & commissioning such as (function check from DCS for GT, HRSG & auxiliary systems, cable terminations, cold & hot loop check for all field instruments).

Dates : From Dec. 2003 till Jun. 2006
Employer : Shorouk International Trading & Engineering Company SITCO
Job title : Electronic Maintenance Engineer & Instructor
Job Description :

- Responsible for (Maintenance – Repair) of any Electronic Cards such as (Inverter, Converter, Power Supply, SMPS, UPS, Medical cards and Control & Interface cards etc...).
- Working as an Instructor of (Maintenance - Repair of the Electronics Cards) & Computer Maintenance (Hardware & Software) in the training center of SITCO Company.

Field of experience :

- Good experience in operation of combined cycle power plant (GT AE94.2 + HRSG by AC Boiler + MT20 Non Reheat Steam Turbine) by Ansaldo Energia.
- Good experience in operation in simple cycle of Gas Turbine AE94.2 by Ansaldo Energia.
- Good experience in maintenance and operation of Gas Turbine (GE Frame 7EA & 6FA) & auxiliary systems and Control System Tool Box MARK-VIe.
- Good experience in DCS control system of ALSTOM (ALSPA P320 system).
- Good experience in DCS control system of ABB (AC800M system).
- Good experience in the field of instrumentation & control related to the

field of pre-commissioning, commissioning and start-up in the power stations.

- Follow up constructions activities (walk down, loop check, site acceptance tests and commissioning, receiving material) for Gas Turbine and HRSG Heat Recovery Steam Generation.
- Review all technical submittals for Gas Turbine, HRSG and Auxiliary Systems.
- Review and comment on all I&C documents and drawings such as (P&ID drawing, wiring diagrams etc...).
- Good experience in Electrical Start-up activities (Megger & Energize etc...).
- Good experience in maintenance and repair of electronic cards and electronic equipments.