

Holds a B. Sc. in Electronics & Control Engineering and has about 22 years hands-on experience working in I&C field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 08/05/1966
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Electronics & Control Engineering, Menoufia University

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Excel, Power Point), Internet
: AutoCAD 2D

TRAINING COURSES AND CERTIFICATIONS

: Successfully completed the training course for total plant solution over view and global User Stations (GUS) and high performance process manager at Honeywell Automation Training Center - USA.
: Training course for turbine control system GE MK VI at Learning Center.
: Turbine supervisory data manager Bentley Nevada Company at Learning Center.
: Electrical courses.
: Instrumentation courses.
: Operation basic / advance.
: Maintenance basic / advance.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2016 till now
Employer : Gama Power Systems Arabia LTD

Project : PP13 Combined Cycle Project, Riyadh - KSA
(6 GT's GE Frame 7FA.05 Dual Fuel, 6 HRSG and 2 Steam Turbines (block 20-10) with net output 1980MW)

Job title : I&C Area Manager

Job Description : Responsible for all instruments and control activities (Instrument installations, signal control wiring, Pre commissioning, commissioning and start-up activities in Gas Turbine, Steam Turbine and Turbine Area through DCS).

Dates : From Mar. 2014 till Dec. 2015

Employer : Saudi Electricity Company, SEC-COA

Project : Hail Power Plant

Job title : Technical Support Dept. (I&C) Engineer

Job Description : Assigned from plant to the new project of conversion HAIL-2 simple cycle to combined cycle power plant.

Dates : From Jul. 2010 till Dec. 2013

Employer : Al-Fanar Construction Company

Projects :

- Hail-II Power Plant (Ext-II) (Siemens Gas Turbine Modules – SGT6-2000E (2 + 4 Units))
- Shourah Power Plant (from Jul. 2010 till Jun. 2011) (GE Gas Turbine Frame 5 (3 units))

Job title : I&C Engineer

Dates : From Dec. 2009 till Jul. 2010

Employer : Arabian Bemco Contracting Company Ltd

Project : Qassim Central Power Plant – Ext. Project (4 Gas Turbines GE Frame 7EA)

Job title : I&C Lead Construction Engineer

Dates : From Nov. 2008 till Nov. 2009

Employer : TAAQA Energy & Environmental Solutions Company Ltd
(a Zahid Group Company)

Job title : Assistant Power Projects Manager

Dates : From May 2005 till May 2008

Employer : Al-Toukhi Industrial, Trading & Contracting Co.

Projects :

- Jizan Expansion Project (4x75MW frame 7 EA)
- Riyadh Head Office (Tender & Cost Engineer)
- Rafha Generation Expansion Project (2x25MW)
- Tihama Extension Project (5x75MW Frame 7 EA)

Job title : I&C Construction Engineer

Job Description : DCS cold and hot loop check, testing & commissioning, start-up and reliability run.

Dates : 2004

Employer : Turbine Service Limited Company (Tusco)

Project : Abu Kamash Power Station – Libya

- Job title** : I&C Engineer
- Job Description** :
- Upgrade control system and field Instrumentation.
 - Operate and test system.
 - Handed over the system to the client.
- Dates** : From 1995 till 2004
- Employer** : West Delta Electrical Production Company (WDEPC)
- Project** : Abu Qir Power Plant (4x150MW, 1x325MW, 1x25MW)
- Job title** : I&C Maintenance Engineer
- Job Description** :
- DCS systems upgrade control system construction, I/O Check, Function test & commissioning, and start-up activities.
 - Turbine Control System MK VI GE Company.
 - Maintenance field activities and calibration.
- Field of experience** :
- I&C Tasks:
 - I&C Systems (hardware & software) for any plant system inside and outside of Siemens scope.
 - Preventive and turn around maintenance.
 - Troubleshooting, repair and testing.
 - Filed cables, thermocouple, extension cable, and field instrument and fiber optic bus cable outside PCCS and Siemens skids.
 - Special characteristics for cabinet internal wiring.
 - Signal exchange to other I&C systems to the plant DCS and fuel oil treatment plant.
 - Hardware and software at the plant DCS side for the interface between plant DCS and turbine I&C systems.
 - Testing and commissioning for all equipment in the plant.
 - Turbine control systems:
 - Mark – VI (GE).
 - Mark – VIE (GE).
 - SPPA – T3000 (Siemens).
 - Turbine instrumentation:
 - GE turbine Instrumentation.
 - Siemens turbine Instrumentation.
 - Steam turbine & combined cycle turbine Instrumentation.
 - Starting system:
 - GE Starting System.
 - Siemens Starting System.
 - DCS:
 - GE.
 - Siemens.
 - Fuel treatment system:
 - Alfa Laval.
 - Westfalia.
 - Compressed air system & Fuel Gas compressed system:
 - Atlas Copco.
 - Ingersoll (IR).
 - Environmental monitoring system: Continuous emission monitoring system (CEMS).
 - Programmable logic control (PLC).
 - Others:

- Review of contract and service order.
- I&C Construction, Gas Turbine Maintenance Engineer, Outages Specialist.
- Steam generator (Boiler) instrumentation.
- Heat recovery Steam generator (HRSG) instrumentation.
- Combined cycle knowledge.
- Operation of gas turbine Siemens.
- Fire alarm & control system.
- Contracts procedure preparation & follow-up-worked in the contracting Department.
- Warranty Tasks:
 - Represent Siemens vis-a-vis the customer.
 - Initiate and evaluate of guarantee claims to the customer.
 - Reporting of special event to the responsible control center and vendor.
 - Analysis and assist in analyzing any operational disturbances affecting the plant.
 - Monitoring of the consumption of spears and wear parts.
 - Advice on the organization of in process inspection (planning / inspection procedure).
 - All service and maintenance activates with end-user.
- Skills:
 - Approved from (SEC-EOA) I&C Engineer (Rafha Site).
 - Approved from (SEC-SOA) I&C Engineer (Tihama Site).
 - Approved from (SEC-SOA) I&C Engineer at (Sharourah) Power Plant.
 - Registered in Saudi Society Council # 41092
 - Approved from (SEC-COA) Warranty Engineer (Hail Power Plant).