

Holds a B. Sc. in Electronics & Electrical Communication Engineering and has about 12 years hands-on experience, including 11 years extensive experience in Power Plants. Possessing a thorough knowledge in all aspects of Control and Instrumentation.

PERSONAL DATA

Nationality : Egyptian
Birth Year : 1981
Gender : Male
Marital Status : Married

EDUCATION

: B. Sc. in Electronics & Electrical Communication Engineering, Al-Azhar University, 2004

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Certificate from Automation Alliance LLC confirms that I'm in possession of relevant skills required in accordance to the Automation Alliance's quality standards. Therefore, the Automation Alliance, as per its practices and policies, endorses and recommends me to its members and partners in the field of Industrial Automation.
- : CS3000 Maintenance (Yokogawa Middle East – Bahrain) (Oct./Nov. 2009). The training course covered the following:
 - Installing DCS software.
 - System backup and Restoration for DCS Stations and Addition or modification of I/O points.
 - Logic diagrams and graphic displays.
- : Training Course on GE gas turbine (9FA) Nubaria Power Station (on-shore training) under direction of GE Energy Learning Center. The training course covered the following:
 - Mark VI control system (Toolbox & simplicity).
 - GE gas turbine MS9001FA DLN2 mechanical basics.
- : Thermal Power Stations (Abu Qir Training Center).

- : MPIS "Maintenance Procedure Information System" (Nubaria Training Center).
- : OSHA Construction 10 hours course at West Damietta site by Petro Aseel Center (PAC).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From 2016 till now
- Employer** : Orascom Construction Industries (OCI)
- Project** : New West Damietta Combined Cycle ADD-ON Project
- Job title** : Electrical & Instrumentation QC Team Leader
- Job Description** :
- To lead the QC team and coordinate their daily activities to ensure optimum resource planning and a fully motivated competent workforce. To take corrective action when necessary.
 - Implement and maintain QC processes throughout the whole Project.
 - Carry out inspection and checking for all quality related procedures in the site and ensures activity at site are as per approved method statement and inspection test plan.
 - Taking care of QA/QC documents of the entire project including certificates, calibration, test results, inspection requests, non-compliance reports and site instruction/observations, permanent materials delivered and other QA/QC documents. Responsible for closure of Non-conformance
 - Develop method statement for the activity including risk assessment and job safety environmental analysis and Inspection Test Plan and Checklist based on specifications of the project.

- Dates** : From 2015 till 2016
- Employer** : Orascom Construction Industries (OCI)
- Project** : New West Damietta 500MW Simple Cycle Power Plant Fast Track Project
- Job title** : Electrical & Instrumentation QC Team Leader
- Job Description** :
- To lead the QC team and coordinate their daily activities to ensure optimum resource planning and a fully motivated competent workforce. To take corrective action when necessary.
 - Implement and maintain QC processes throughout the whole Project.
 - Carry out inspection and checking for all quality related procedures in the site and ensures activity at site are as per approved method statement and inspection test plan.
 - Taking care of QA/QC documents of the entire project including certificates, calibration, test results, inspection requests, non-compliance reports and site instruction/observations, permanent materials delivered and other QA/QC documents. Responsible for closure of Non-conformance
 - Develop method statement for the activity including risk assessment and job safety environmental analysis and Inspection Test Plan and Checklist based on specifications of the project.

- Dates** : From 2013 till 2015
- Employer** : STF SPA Company

Project : Giza North Power Station, Combined Cycle 2250MW
Job title : Construction & Commissioning I&C Engineer
Job Description :

- The plant systems construction progress follow up and assigned for Construction activities, Commissioning and Start-up for Instrumentation and Control equipments.
- Providing Coordination of Commissioning activities such as Loop checks, Functional tests, Steam Blow-out and System Start-up.
- Helping in Electrical equipments erection and Commissioning supervising by solving complex problems and defects between Electrical and I&C.
- Responsible for close all instrumentation punch list items.

Dates : From 2011 till 2012
Employer : Middle Delta Electricity Power Company (MDEPC)
Project : Nubaria Combined Cycle (1x750MW) Power Station, Module III
Job title : Controls & Instrumentation Maintenance Engineer
Job Description :

- Coordinate the testing, repairing, calibration and troubleshooting of several kind of Switches (Pressure, flow, level, proximity and Dp), Smart Transmitters, Steam and Water Sampling Analyzers, CEMS Analyzers, Vibration sensors, hazard gas sensors, Fire Fighting and detection system, Motorized Valve Actuators, Pneumatic Valve Actuators and Hydraulic "servo" Valve Actuators.
- Evaluate the manpower requirement for daily preventive, break down and shutdown maintenance and provide field supervision over the execution of maintenance activities of the equipment to ensure that the problems are resolved with minimum down time.
- Monitor and control spares inventory.
- Prepare back up and software library for disaster recovery.
- Perform modification of control circuits or control loops as required and update all related drawings.

Dates : From 2008 till 2010
Employer : Middle Delta Electricity Power Company (MDEPC)
Project : Nubaria Combined Cycle (1x750MW) Power Station, Module III
Job title : Controls & Instrumentation Construction & Commissioning Engineer
Job Description : CP-105 (Heat Recovery Steam Generator and Auxiliaries) and PO-114 (DCS) responsible for the following:

- Working as an I&C Final client representative during the construction, commissioning and start-up of HRSG and DCS.
- Review I&C systems integrity and fitness according to Contract requirement and standards.
- Review all I&C drawings & technical submittals.
- Following up installation, calibration, cold loop check, hot loop check, commissioning, start-up, Function test and tuning activities.
- Working as I&C Engineer during the combustion inspection (CI), warranty inspection and Major inspection of two GE gas turbines GE9FA.
- I&C Maintenance Engineer after TOAC.

Dates : From 2006 till 2007
Project : Nubaria Combined Cycle (2x750MW) Power Station, Modules I & II
Job title : Maintenance Engineer

Dates : 2005
Employer : EL-BANNA Co. for Trading & Agencies
Job title : Sales Engineer

Field of experience : Experience developed on Yokogawa DCS (CS3000) includes:

- Installing DCS software, System backup and Restoration for DCS Stations.
- Loop checks on all DCS I/O points.
- Functional checks for all equipment controlled from DCS (HRSG equipments logic, closed cooling water pumps, service water pumps, circulating water pumps and Interface Signals between DCS and Sub-systems).
- Addition or modification of I/O points, logic diagrams and graphic displays as required.