

Holds a B. Sc. in Computers & Automatic Control Engineering and has about 13 years hands-on experience in control system design & tendering, engineering, documentation development, erection & commissioning. Excellent knowledge and experience in commissioning & start-up and control system engineering of fossil power plant facilities (simple & combined cycle), Coal-fired power plant facilities, substations, industrial automation and instrumentation.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 04/08/1979
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Computers & Automatic Control Engineering, Tanta University, 2002

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : PMI-PMP (Project Management Professional) Number: 1692369 (Jan. 2014).
- : PACiS Substation Control System. (AREVA), AREVA T&D Training Center, Lattes – France (Jun. 2004).
- : Continuous Emission Monitoring System CEMS (Altech Environment USA), NUBARIA Power Station (May 2005).
- : PACiS Substation Control System (AREVA), NUBARIA Power Station (Sep. 2005).
- : TELEPERM XP Gas Turbine Generator Control System (SIEMENS), SIEMENS AG, L-UNIVERSITY, Karlsruhe – Germany (Nov. 2005).
- : SPPA-T3000 Distributed Control System (SIEMENS), SIEMENS AG, Karlsruhe – Germany (Feb. 2009).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Aug. 2010 till now
- Employer** : Siemens AG
- Project** : ONE-Mohammedia Coal Fired Power Plant DCS Renewing (2x150MW STG) – Siemens AG, Site Office, Mohammedia, Morocco
- Job title** : DCS Testing & Commissioning Engineer (Free Lancer)
- Job Description** :
- Commissioning Manager, leading the Technical team to complete Siemens AG scope of work (Renewal of DCS, BOP Instrumentation & Valves, Plus MCC, LV & MV switchgear Protection and control) commissioning process, Assign the project commissioning strategy and the daily commissioning team activities organization.
 - Responsible for all aspects of electro-mechanical commissioning work.
 - Coordinating the Subcontractor's activities, review and verification of electro-mechanical design, operating & maintenance manuals, commissioning procedures...etc.
 - Partially redesign of process & relay logics, As-build documentation creation, Control loop checking and Sub-Systems Integration.
 - Assure the stable operation of the DCS system, Handling the open points list, and the customer change requests concerning the DCS System.
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- Dates** : From Nov. 2008 till Feb. 2010
- Employer** : SIEMENS Ltd. Head Office, Riyadh – KSA
- Projects** :
- SEC-DUBA Power Plant (3x15MW GTG) – Saudi Arabia:
 - Attended the KICK-OFF meeting with the client in Riyadh.
 - Team member of the Project basic engineering in Siemens AG, Karlsruhe, Germany (Feb./Mar. 2009).
 - O.N.E-Mohammedia Coal Fired Power Plant DCS (2x250MW STG) – Morocco:
 - Working for Siemens AG, Germany from Mar. till Nov. 2009.
 - Team member of the project commissioning team.
 - Performing the loop-checks for all the different kinds of DCS I/O signals, including all AC&DC Motors (Pumps, Valves), Switches & contacts (Single, with 47K Resistance, changeover contacts), Relays, Medium and high voltage switchgears & MCCs equipment, measurements (active & passive).
 - Configuring the different kinds of drives for motors and valves in the DCS (T-3000) with the logic function blocks and the graphic displays.
 - Performing Smart Transmitters Configuration for Level, Temperature, Flow, Pressure & DP using Siemens Simatic S7 PDM tool.
 - Performing the function tests and the required modifications in the logic designs and/or the graphic displays.
- Job title** : SPPA T-3000 DCS Testing & Commissioning Engineer
- Job Description** :
- Performing site survey for the new offered DCS & Power Generation contracts in Saudi Arabia.
 - Attending kick-off meetings for Siemens AG with the clients with full responsibility for the farther clarifications required by the client from Siemens AG and visa versa till the design freeze.

- Participation in Basic Engineering for the DCS projects as a team member.
- Performing the off-shore FAT for the DCS projects in Siemens AG Industrial Park, Karlsruhe – Germany.
- DCS Installation Supervision In-site.
- Commissioning or commissioning supervision (according to the contract) for the DCS & Instrumentation.

Dates : From Dec. 2006 till May 2008
Employer : Alfamar Construction Co. Head Office, Riyadh – KSA
Job title : Tendering & Design Engineer
Job Description :

- Technical proposals preparation of instrumentation and control systems for power plants projects according to clients required specifications (Tender document), providing suitable suppliers and communication with clients, suppliers and manufacturers.
- Estimation of I/O list of BOP, electrical system and connections with sub-systems for the power plants to be considered in DCS design.
- Technical discussions with the client and the client consultant during bidders technical evaluation stage.

Dates : From Jul. 2004 till Nov. 2006
Employer : West Delta Electricity Production Company (WDEPC)
Project : Nubaria Combined Cycle Power Station (3x750MW)
Job title : I&C Inspection Engineer
Job Description :

- Approving designs & submittals admitted by the vendors and certify the suitability of the submitted specifications to the required previously contracted specifications, which also includes assigning the compatible specifications and adding modifications if necessary.
- Approving the procedures of site acceptance tests and make sure that it will cover testing all the specifications of the tested systems, also attending the site acceptance tests and performing the tests personally, including recording the tests results and analyzing the performance of the tested systems according to those results which makes me able to record the punch items to be corrected by the vendor, then to be tested again by me to approve the system site acceptance test as the Owner Engineer.
- The previously mentioned operations were done by me for:
 - Substation (220/500KV) control system (PACIS), Vendor: Areva T&D, FRANCE.
 - Steam Turbine Generator (2x250MW) control system DIASYS, Vendor: Mitsubishi Heavy Industries, JAPAN.
 - Gas Turbine Generator (4x250MW) control system TELEPERM XP, Vendor: Siemens Industries, GERMANY.
 - Power Plant Distributed Control System (DCS ALSPA320), Vendor: Alstom Power, FRANCE.
 - Water Treatment Station control system (PLC-SCADA interface), Vendor: Metito Water Treatment S.A.E.
 - Continuous Emission Monitoring System (CEMS), Vendor: Altech Environment, USA.

Dates : From Oct. 2002 till Jun. 2004
Employer : West Delta Electricity Production Company (WDEPC)
Project : Damanhour Combined Cycle Power Station (156MW)
Job title : I&C Maintenance Engineer
Job Description :

- Maintenance of several kinds of sensors, smart transmitters, valves and actuators.
- Calibration of gas turbine control system (Mark II).
- Full maintenance & troubleshooting of DCS Elsig Bailey (infi 90).

Field of experience :

- Project Management.
- Automation & DCS system configuration.
- Maintenance.
- Engineering & Design.
- Commissioning & start-up.
- Inspection.
- Consulting.
- Reliability & Warranty.
- Sales & Tendering.