

Holds a B. Sc. in Electrical Power and Control Systems Engineering and a M. Sc. in Power Substation Construction Planning. Has about 11 years hands-on experience working within high-pressure environments such as Hydro Power Plants and Petrochemical Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/12/1978
Marital Status : Married

EDUCATION

- : B. Sc. in Electrical Power and Control Systems Engineering, Arab Academy for Science and Technology, 2000
- : M. Sc. in Power Substation Construction Planning, Arab Academy for Science and Technology

LANGUAGES

Arabic : Native Language
English : Excellent
French : Good

COMPUTER SKILLS

- : Windows, MS Office (Word, Excel)
- : AutoCAD 2006, AutoCAD R14
- : MS Project
- : C++, Pascal 7.0
- : PLC Ladder
- : OGIV, CADEPA, P8, CONFED, S8000, K-Bus & CONTOCAD

TRAINING COURSES AND CERTIFICATIONS

- : AutoCAD 2000 at Ashrae Institute, Dec. 2000.
- : PLC ladder Diagram Programming Course at AAST, Aug. 2000.
- : Training on Panel Fabrication at ABB Arab factory, Jun. till Oct. 1999.
- : Trainings on maintenance of low and medium voltage switchgear at Arab Pipelines Company (SUMED), Jul. till Sep. 1997 and Jul. till Sep. 1998.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2008 till now
Employer : ALSTOM Hydraulique
Project : MEROWE Hydro Plant – SUDAN
Job title : Commissioning Engineer
Job Description :

- BOP commissioning coordinator reporting directly to the site manager and/or in direct correspondence with the study office in Paris.
- Commissioning of newly constructed hydro power plant's common electromechanical systems:
 - Drainage System SXD.
 - Dewatering System SXV.
 - Low Air Pressure Compressor System SPT.
 - General Water Supply System SEI.
 - Fire Fighting Pumping System.
- All of which I have commissioned electrically, mechanically and control-wise including their PLC controller and relevant network establishment.
- Performing commissioning procedures in presence of the client and consultant successfully to the satisfaction of hand-over protocols.
- Supervising Alstom's erection team along with my commissioning duties to keep the pressure on and deliver on time.

Dates : From Sep. 2009 till Mar. 2010
Employer : AREVA T&D
Project : KUDMI 400KV S/S – KSA
Job title : Testing & Commissioning Manager / Site Manager
Job Description :

- Managing testing and commissioning teams for different activities including protection, control systems, HVAC, Mimic Board, Fire fighting systems for the construction project of a new 400KV substation.
- Conducting daily/weekly meetings to fulfil the client's requirements to the utmost satisfaction by implementing and executing onsite action plans to eliminate punch list items and to enhance the co-ordination of various commissioning parties.
- Towards the end of the project I was appointed site manager of main contractor (AREVA) where I was assigned to carry on with the remaining testing affairs, optimise the punch list and snag points, in addition to closing of sub-contractor's contracts step by step to ensure smooth demobilisation after total achievement of the project's deadlines in due time.

Dates : From Mar. 2008 till Oct. 2008
Employer : ALSTOM Hydraulique
Project : AFOURER Step Pump Project – MOROCCO
Job title : Commissioning Engineer
Job Description : Clearing electrical control punch list items prior to final handover to the client.

Dates : From Sep. 2007 till Sep. 2008
Employer : ALSTOM Hydraulique

Project : KARIBA North Bank Rehabilitation Project – ZAMBIA
Job title : Commissioning Engineer
Job Description :

- Site Commissioning Engineer of Francis Hydro turbine including pre-commissioning of unit control cubicle (GTA, LRX, KKL, etc.) and establishment of F8000 networks, debugging CMS CENTRALOG faults.
- Commissioning of unit main transformer and performing all interface handshakes with turbine/generator/BOP I/O on both logical and analog levels.

Dates : From Sep. 2003 till Jul. 2007

Employer : ALSTOM Hydraulique

Project : DRIN River Cascade Rehabilitation Project – ALBANIA

Job title : Site Supervisor

Job Description :

- Supervision of all on-site control system installations / pre-commissioning.
- Heavily assisted in commissioning of 9 Francis hydro turbines and deeply participated in all attached software: OGIV, CADEPA, P8 in addition to normalisation of faulty CENTRALOG systems.
- Responsible for on-site updates of GTA, LRX, HPE, KKL and KSC schematic electrical diagrams and moreover connection and wiring schedules. In addition to producing several modified as-built drawings in Alstom HQ in Levallois, Paris.
- Performed numerous on-site troubleshooting of CMS during commercial and guarantee period of commissioned hydro turbines up to the complete satisfaction of the client.
- Responsible for designing and submitting complex installation proposals for transmitters, transducers and meters using AutoCAD 2006.
- Managing the writing, issuing and implementation of on-site work permits.
- On-site technical authority for producing shop drawings for cable routing, instrument locations and impulse piping.
- Involved with internal scheduling, planning and supervising the installation of high-voltage measuring instruments, cable trays, cable pulling, cable termination and connection, instrument pipe fitting and conduits.

Dates : Jun. 2005

Employer : ALSTOM Hydraulique

Project : El-Lahoun Mini Hydro – Egypt

Job title : Field Engineer

Job Description :

- A short on-site stay targeted elimination of all pending punch list items with regards to CMS of a mini hydro power plant 2x800KW.
- Performing official and final tour with the client in order to launch a handover protocol as Alstom representative, a task successfully accomplished.
- Troubleshooting and successfully re-commissioned hydraulic measurement system (Rittmeyer).

Dates : From Jan. 2002 till Jul. 2003
Employer : ALSTOM Hydraulique
Project : ASWAN High Dam Controls Upgrade – Egypt
Job title : Technical Site Office Engineer
Job Description :

- Technical team leadership of Alstom engineers and subcontractors.
- Responsible for designing and submitting complex installation proposals for transmitters, transducers and meters using AutoCAD 2000.
- Managing the writing, issuing and implementation of on-site work permits.
- On-site technical authority for producing shop drawings for cable routing, instrument locations and impulse piping.
- Responsible for scheduling, planning and supervising the installation of high-voltage measuring instruments, cable trays, cable pulling, cable termination and connection, instrument pipe fitting and conduits.
- Applying Hydrostatic tests of hi-voltage pressure transducers.
- Resource scheduling to enable the purchasing of all on-site installation and commissioning materials.

Dates : From Mar. 2001 till Dec. 2001
Employer : EMEC Electromechanical Contractors
Project : El-Montazah Resort – Alexandria
Job title : Technical Office Engineer
Job Description :

- Designed and proposed the lighting system for the resort.
- Responsible for the successful implementation, testing and final customer acceptance of my lighting design.
- Supervised local engineers in the erection of the 6.3/0.4KV substation.
- Managed all cable pulling activities on site.
- Responsible for installation, commissioning and final customer acceptance of all panels and switchboards.

Dates : From Jan. 2001 till Feb. 2001
Employer : EMEC Electromechanical Contractors
Project : El-Sheikh Zayed Water Treatment Plant
Job title : Field Engineer
Job Description : Applied Hi-Pot, Meggering and continuity tests on more than 120 low and medium voltage power cables.

Dates : From May 2000 till Dec. 2000
Employer : EMEC Electromechanical Contractors
Project : Naphta Reformer Complex Construction Project – Alexandria
Job title : Field Engineer
Job Description :

- Responsible for revising all on-site wiring diagrams for 6.3/11KV switchgear.
- Supervised the installation of all low-voltage switchgear.
- Installed normal and emergency lighting fixtures for the entire plant.
- Commissioned and energised 90 motors and derives.
- Applied Hi-Pot tests for over 35 medium voltage cables.