

Holds a B. Sc. in Electrical Engineering and has about 30 years hands-on experience working in testing and protection. He became a Projects Manager.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 05/08/1964
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Electrical Engineering, 1987

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Static & Numeric Relays and their application by ABB Co. Power System.
: Communications in E.E.A (Egypt Electricity Authority).
: Application of Protection Relays to Power systems with GEC-Alstom.
: Project Management Course.
: Obtained certificates from different Qualified International Companies.
: Obtained the Client satisfaction and appreciation (Saudi Electricity Company in Eastern Province).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2015 till now
Employer : Inma Utilities Contracting Co. – SAUDI ARABIA
Project : Abrag Kudai Project, Mekkah – SAUDI ARABIA
Job title : Head of Electrical

- Dates** : From Jan. 1999 till Jun. 2015
- Employer** : Arabian Bemco Contracting Co. Ltd – SAUDI ARABIA
- Job Description** :
- Construction Manager for E/M Services (from 2010 till 2015):
 - Combined Cycle Power Plant project PP10 CC - 1500MW - SEC - Riyadh 5, 381, 274, 520, 10 STs.
 - Simple Cycle Power Plant project PP10 SC - 3000MW - SEC - Riyadh 11, 734, 716, 473SR, 40 GTs.
 - Projects Manager (from 2003 till 2010):
 - Sakaka-A S/S 132/13.8KV S/S's - 120MVA - SEC - EOA 56, 300,000.00SR.
 - Al-Jouf PP S/S 132/13.8KV - 80MVA - SEC - EOA.
 - An Nuzha and OHTL 115/13.8KV s/s - 120MVA - SEC - EOA, 36,900,000.00SR.
 - Bayonia 69/13.8KV S/S New - 120MVA - SEC - EOA, 38,900,000.00SR.
 - Al Khobar Al Sahelia S/S - 100MVA - SEC - EOA.
 - 34.5KV OHTL Qurrayah PP2 - Qurrayah PP - SEC - EOA, 21,000,000.00SR.
 - Power Supply for Qurrayah PP2 Constructions.
 - PP10 Power project - 40Turbines - SEC - COA (Power and Buildings), 11,425,000,000.00SR
 - Responsibilities:
 - Ensuring the procedures and interface satisfactorily with the requirements of the contract.
 - Coordination with the client and various agencies for the effective and smooth function of the project targets.
 - Implementation of a proper management system that ensures conformance to client's requirements.
 - Coordination with consultant for timely submission of Base Design Package and to participate Base Design review meeting.
 - Implementation of the project Safety & Loss Prevention Program, Project Quality system, Project Scheduling, Material and Manpower for optimizing resource utilization.
 - Delegation of authority to individuals of the project management team as appropriate to their functions.
 - Responsible for review and finalization of subcontract agreements.
 - Responsible for the effective coordination and control of all procurement activities in order to achieve the delivery of the equipment/materials to site as per schedule.
 - Participating in the formal review of the Loss Prevention Requirements and Project Quality System on a regular basis.
 - Progress of the site development activities and mobilization plant. Participates in the development of site construction schedules.
 - Budget and Cost Control of all construction related activities.
 - Responsible for site administration including personnel, labor, logistics, warehousing, communication, accounting, etc...
 - Responsible for the coordinating with for all site and construction activities and support site superintendent to full fill client requirements.
 - Delegated Authority & Financial Power:
 - Timely issuance of Payment Certificate.
 - Preparation of cash flow projections.
 - Controlling site petty cash in coordination with projects director.

- Site Manager (from 1999 till 2002):
 - Jubail Commercial Port 115/13.8KV S/S - SEC-EOA, 26,500,000.00SR.
 - Tufaih Farm 115/13.8KV s/s - SEC-EOA.
 - Kilabiyah 115/13.8KV S/S Extension - SEC-EOA, 34,000,000.00SR.
 - Construction of Idwa 115/13.8KV S/S - SEC-EOA.
- Responsibilities Site Management:
 - Study of Project specifications, drawings, scope of work, and constructability.
 - Planning schedule as per scope of work.
 - Arranging and managing the required manpower related to project / site activities.
 - Supervising and controlling the work in coordination with site Civil / Mechanical / Electrical / QA/QC Civil and Electrical Engineers.
 - Field Coordination between subcontractors working under the scope of work.
 - Co-coordinating / managing with different SCECO Department / Engineers.
 - Billing evaluation in different stage of the project.
 - Coordinating with the Project Manager to improve the work man ship for getting best quality and progress.
 - Controlling the petty cash for site work.
 - Attending the meeting with the client / subcontractor for evaluating the site progress.
 - In addition to these working technical support for site Engineers to achieve the target and overcome project problems including construction, installation and testing & commissioning and handing over the project.

Dates : From Jan. 1998 till Jan. 1999

Employer : SBG (Arabian Bemco) – SAUDI ARABIA

Job title : Senior Testing & Commissioning Engineer

Job Description :

- Supervision of the construction stages at different projects.
- Testing and commissioning of Low, Medium and High voltage SWG including protective relays, measuring C.T's & P.T's, H.V. Testing of all M.V. & L.V. Cables, power transformers, C.B's, D.SW's, R.M.U., Operation, Control and Interlocks, at the following projects:
 - Najran CPS Ext. (60MW unit & 132KV Switchgear) GE & EFACEC.
 - Medinah Power Plant Ext. (2x60MW Unit & 110KV Switchgear) GE & Hitachi.
 - Abha North S/S (132/33/13.8KV) AEG.
 - Duba Power Plant Ext. (3x30MW Unit 132KV Switchgear) GE & M.G.
 - Asir CPS Ext. (1x50MW Unit 132KV Switchgear) GE & M.G.
 - Medinah Hotels 141, 131 & 136 (13.8KV Switchgear) Westing House.
 - KKIA project (13.8KV & 380V) Riyadh.
 - KFIA Project (33KV & 480V) Dammam.

Dates : From Sep. 1997 till Jan. 1998
Employer : MERLINE GERIN, Egypt
Job title : Senior Testing & Commissioning Engineer
Job Description : Testing and commissioning of the extensions of two 220KV overhead line feeders and 75 MVA transformer, 220/66KV for Al Sadat substation at Sadat city, including switch gear test, protection relays, bus bar & breaker failure protection and control & inter locks.

Dates : From Feb. 1994 till Sep. 1997
Employer : SAUDI CONSULTING SERVICES SAUD CONSULT, JEDDAH, SAUDI ARABIA

Job Description :

- Site Protection Engineer:
 - Design review for extensions and reinforcement of 110KV system in Medinah, Eng./MED/1108-1. Haram1, Hara Garbiah, Islamic University and Bab Al Awali Substations, Extensions contractors Cogelex - France & Hitachi for SCECO West.
 - Design review for extension and reinforcement of 110KV system in Jeddah ENG/JED/10721 (New four substations, Industrial city 2, Rawdah, Nahdah and Nuzlah Al Yamania).
 - Design review for Al Bayah 110 /13.8KV substation, 6 x 40 MVA in Medinah ENG/MED/70/1/14.
 - Testing and commissioning of 13.8KV & 110KV SWG's & Transformers 110/13.8KV 40 MVA & Fire Fighting System & Signaling up to R.T.U. for L.D.C., Protective relays including supervision of pilot cable differential protection and batteries & batteries chargers. Contractor Merlin Gerin, for SCECO West.
 - Extensions of 110KV substations, in Jeddah System (Contractor Siemens) for SCECO West.
 - Extensions of PP2, IP3, ICYI S/S 100/13.8KV including commissioning and testing of SWG's, pilot cable differential protection, distance and thermal over load for 100KV cable feeders.
 - Improve stability and reliability of Bus- bar protection is seaside S/d by installation of new C.T's with High VA, High ratio and separating it from distance C.T's core with stabling proof.
 - Testing and commissioning of two extension 380KV over headline feeders for Shoaiba at Aziziah substation at Makkah including switch gear tests, protection relays, bus bar protection, breaker failure protection and SCADA system test.
 - Testing and commissioning for new Iskan Alaam substation at Makkah including 100KV & 11KV switch gear & transformers 100/11KV 40 MVA & signaling up to RTU for LDC, protection schemes for all equipment's including distance relays, cable differential, trafo differential, restricted earth fault (REF), over current relays, synchronizing, bus bar protection, breaker failure, end to end test, close loop test and energizing / loading substation.
 - Testing and commissioning for extension of Rasiffah substation of extension and reinforcement of 110KV system in Makkah including distance relay, cable differential and end-to-end test by Siemens.
 - Testing and commissioning of new 380KV Faisalliyah substation of 380KV system in Jeddah including protections for 500 MVA inter bus transformers 380/110KV, 40MVA transformers 110/13.8KV, 380KV cable feeders, 380KV shunt reactors, station transformers

1 MVA, 13.8KV shun reactors, 380KV, 110KV & 13.8KV bus bars protection, 380KV & 110KV, breaker failure protection, CT & VT tests, sequential event recorder, synchronizing system, alarm system and fault recorders by Hitachi / ABB.

- Acting Project Manager Saudi Consult for 110KV substation 4 nos. GIS Substation including with MG, Siemens, NPCEE Two extension 1 for 3 months period.
- Responsibilities:
Acting as Project Manager for the following projects:
 - ENG/JED/1072 - 1, 2, 3 & 4.
 - ENG/JED/1135 - 1, 2 & 3 for extensions and reinforcement of 110KV system in Jeddah (SCECO).

Dates : From Sep. 1993 till Feb. 1994
Employer : ABB MANNHEIM / GERMANY, EGYPT BRANCH
Project : CAIRO WEST SITE
Job title : Testing & Commissioning Engineer
Job Description :

- Testing and commissioning the protection schemes between 500KV Substations, Cairo West, Cairo 500 Basus 500, including main I, main II distance relays, Auto reclosure, Breaker failure protection, bus bar protection and synchronizing.
- Testing and commissioning at site of Cairo West Power Station unit # 5 & 6 Extension 2x325MW for the following equipment:
 - 6.6KV MW SWG.
 - 0.4KV L.V. SWG.
 - 220 V and 24 V Battery system and rectifiers.
 - 0.4KV - 0.4KV Transformers.
 - 6.6KV cable network.
 - 0.4KV cable network.
 - 2 x 40MVA start-up transformer.

Dates : From Apr. 1989 till Sep. 1993
Employer : EGYPT ELECTRICITY AUTHORITY, MIDDLE DELTA ZONE EGYPT
Job title : Protection & Testing Engineer (Protection Dept.)
Job Description :

- Short Circuit calculations of electric network and its effects.
- Design review of substations and power stations including protection schemes and Relative specifications and drawings.
- C.T's calculations.
- Relays setting calculations.
- Testing and commissioning of C.B's and Bus-Bars.
- Unit Protections and their schemes.
- Testing and commissioning monitoring equipment's such as, event recorders, fault recorders and fault locators.
- Supervision Engineer on Power Stations and Substations such as: Damietta Power Station (6x200MW, 220KV), Talkha Power Station (2x205MW, 220KV), Mehalla Substation 220/66/11KV, 2 x 125MVA. Talkha G.I.S. 220/66KV 3 x 125MVA which include G.I.S. types and conventional types with AEG and MG Companies.
- Training Engineers of E.E.A, Training Courses for protection and control schemes.

- Maintenance and testing of protection relays of ASEA, Energetic, BBC, GEC, Siemens such as:
 - Distance relays: Type RAZFE, RAZOA, L8a L8b, LZ96, LZ96a, LZ32, LZ31, LH1, LH1W, LPZF113, 75L32 and 7SL24.
 - Direction O.C and differential relays for GEC, BBC, Siemens, GE, EAW.
 - Bus-Bar protection schemes:
 - GEC, MBCZ10, Static.
 - AEG, Telephonkan, Static.
 - Inertic, Static.
 - BBC, Electromechanical GEC.
 - BBC, Electromechanical.
- Good experience cover the following aspects:
 - Layout of equipment's in 220KV substations.
 - Nomination of electrical devices and their International Numbers.
 - How to read the schematic.
 - How to maintain the auxiliaries, including batteries, rectifiers and stand by generators.
 - Operation, control and interlocks of all substations equipment physically and practically.
 - Preparation of annual testing procedure / Performa's.
 - Following-up the trouble shooting in substation by creating the temporary faults at different location.
 - Trouble shooting in all substations.
 - Testing of substation up to remote terminal unit.
 - H.V test of all H.T., L.T. cables in the system.
- Testing and maintenance of low medium and High Voltage SWG, Including protective and measuring C.T's and P.T's.

Dates : From Jul. 1987 till Apr. 1989
Employer : UNITED ENGINEERS CO. CAIRO, EGYPT
Job title : Electrical Engineer
Job Description : Maintenance and Installation for Elevators, AIR Cond. Cooling System.