

100099-ELE-458CMSyz-E-1980
Senior Electrical Engineer

Holds a B. Sc. in Electrical Power Engineering and has about 38 years hands-on experience working in installation, maintenance, troubleshooting, inspection, testing and commissioning of electrical equipments at several projects.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 10/02/1956
Gender : Male
Residence : Assiut

EDUCATION

: B. Sc. in Electrical Power Engineering, Assiut University, 1980

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

: Course of MS Word & Excel.
: Course of MS Windows.
: Course of AutoCAD 2007 & 2008.
: Course of English as a second language.
: Course of safety rules for the work on electrical power system.
: Course of power system grounding high voltage and low voltage.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Nov. 2016 till now
Employer : Enoia Utilities Consulting Engineers
Project : Shotob Waste Water Treatment Plant (26000m³/day)
Waste Water Treatment Plant with the ability of 26000 per day. The project consists of many buildings like the MBBR, Equalization Building, Head Works Building, Sand Filter Building, Chlorine Building, Final Sedimentation

Building, Air Blower Building, Administration Building, etc. The project is treating the waste water of five villages (Shotob, Musha, Rifa, Der Rifa and El-Zawia). The project is constructed under two contracts - Civil Works and Electro-mechanic Equipment, in full accordance with Egyptian environmental laws and international.

Job title : Senior Electrical Engineer

Dates : From Feb. 2013 till Oct. 2016

Employer : SAUDI CONSULTING SERVICES (KSA)

Project : General Hospital of Hail (300 beds):
Fully equipped and furnished 300 bed hospital of 67 Million U.S. \$. The project consists of main hospital building of 6 levels including the basement level, water treatment plant, water purification plant, chillers compound and electrical room in addition to the site work that includes the landscape, shaded parking and the helipad. The project comprises also a housing compound 17 apartment buildings of different types to accommodate the medical staff both singles and families.

Job title : Electrical Engineer

Job Description :

- Review and approval of contractor's shop drawing submittals, including calculations as appropriate to ensure compliance with the design intent.
- Review of contractor's as-built drawings, operations and maintenance manuals and other record documents.
- Review and approval of contractor's materials submittals comprising technical literature and samples as appropriate to ensure compliance with design specifications.
- Review of contractor's as-built drawings, operations and maintenance manuals and other record documents.
- Witnessing and acceptance of testing and commissioning of systems.
- Direction and supervision of engineering inspectors in quality control inspection of materials and workmanship of installation to ensure compliance with design specifications.
- Monitoring of contractor's progress of works to ensure timely execution of work in accordance with the project schedule and in coordination with the work of other trades and disciplines.
- Attendance as required at site progress and technical meetings to resolve technical issues.
- Supervise the Installation and Testing & Commissioning of Electrical work and Low current Systems (Ip TV, Ip cctv, Ip telephony System, Security and Access control System, Fire Alarm System, Data Network, Audio Visual, Public Address, BMS System).
- Supervise the preliminary and finally Handed over of electrical work for Low Voltage & Medium voltage, Computerized control and monitoring system (CCMS) L.V. Distribution, Lighting, Medium Voltage Switchgear, M.V. Generator, RMU, Transformers, ATS, UPS, Elevators, RMU, Wiring Devices, Motor Starters and Motor Control Centers, Grounding and lightning Protection system).

Dates : From Jun. 2010 till Jan. 2013

Employer : Saudi Consolidated Engineering Company (Khatib & Alami) – KSA

- Project** : Special Security Forces Projects (Riyadh):
- Security & Protection Unit Force – Value (403 M. SR) – Duration (18 months)
 - Training Center – Value (132 M. SR) – Duration (34 months)
 - Region (C) Headquarters (Riyadh) – Value (100 M. SR) – Duration (30 months)
 - Region (B) Headquarters (Dammam) – Value (129 M. SR) – Duration (34 months)
- Note: Total value of the above 4 projects is 764 Million Saudi Riyal
- Job title** : Electrical Engineer
- Job Description** :
- Review and approve the Design Drawing & shop drawing & As-built drawing and the load calculation.
 - Review and approve the Electrical Material and Equipment according to specification Requirements and the reference standards.
 - Inspection and Testing the Electrical Equipment at the factory and site.
 - Supervise the Installation and Testing & Commissioning of Electrical work and Low current Systems (Ip TV, Ip cctv, Ip telephony System, Security and Access control System, Fire Alarm System, Data Network, Audio Visual, Public Address, BMS System).
 - Supervise the preliminary and finally handed over of electrical work for Low Voltage & Medium voltage, Computerized control and monitoring system (CCMS) L.V. Distribution, Lighting, Medium Voltage Switchgear, M.V. Generator, RMU, Transformers, ATS, UPS, Elevators, RMU, Wiring Devices, Motor Starters and Motor Control Centers, Grounding and lightning Protection system.
- Dates** : From Feb. 2007 till Jun. 2010
- Employer** : Otaishan Consulting Engineers
- Project** : Taibah University, Almadinah Munwarah – KSA:
- College of Science B11 – Value (180 M. SR) – Duration: 36 months
 - Faculty of Financial and Administrative building B12 – Value (100 M. SR) – Duration: 20 months
 - Administrative and education building B42 – Value (80 M. SR) – Duration: 20 months
 - General Classrooms & Laboratories B16 – Value (16 M. SR) – Duration: 12 months
 - Lab. Class Rooms Building Female – Value (35 M. SR) – Duration: 12 months
 - Lab. Class Rooms Building Male – Value (32 M. SR) – Duration: 12 months
 - Maintenance and Workshop B40 – Value (25 M. SR) – Duration: 12 months
 - Underground utilities – Value (15 M. SR) – Duration: 12 months
- Note: Total value of the above 8 projects is 483 Million Saudi Riyal
- Job title** : Electrical Engineer
- Job Description** :
- Review and approve the design drawing & shop drawing & as-built drawing and the load calculation.
 - Review and approve the electrical material and equipments according to specification requirements and the reference standards.
 - Inspection and testing the electrical equipments at the factory and site.

- Supervise the installation and testing & commissioning of electrical work and low current systems (Fire alarm & Master clock & Sound & CCTV and access control system).
- Supervise the preliminary and finally handed over of electrical work for medium voltage & low voltage (transformers, generators, ATS, BMS, UPS, EIB, elevators, chillers, RMU, water pump station, earthing and lightning protection system, chemical LABS) for all Taibah University Projects.

Dates : From Oct. 2004 till Jul. 2006
Employer : Kuwait National Petroleum Company (KNPC)
Project : Shuaiba Refinery – Kuwait
Job title : Electrical Engineer
Job Description :

- Installation, maintenance & troubleshooting of electrical equipments:
 - Minimum oil & vacuum, MS Switchgear 6.6KV.
 - Type: ZK4 - ZE4WL - VD4 - VD4M.
 - MFG: color Emag / ABB.
 - Power Transformers 1000 KVA – 6.6/0.4KV.
 - Synch. Motor 3 phase – 6.6KV – 6400 HP – 300 RPM excitation (100 volt & 5 ampere).
 - HT Induction Motor 6.6KV – 1250HP, 1500HP (AEG, BBC, ABB, Siemens).
 - Uninterruptible power system (UPS) – 30 KVA.
 - Type: GUTOR – Silicon Group.
 - Motor control center (MCC) – 0.4KV.
 - Medium Voltage Distribution (MVD) - 6.6KV.
 - Stand by Generator 1000KVA – 0.4KV.
 - Hydrogen compressor, Feed pump, Feed Heater, Fin Fan Coolers, reactor.
- Providing the daily work activities status report.
- Providing the monthly progress report.
- Providing the electrical activities report for refinery units turns around.

Dates : From Jun. 2001 till Jul. 2004
Employer : Hera General Hospital, Holy Makah – KSA
Job title : Head of Electrical Department
Job Description : Installation, maintenance & troubleshooting of electrical equipments:

- Synchronous generator 0.4KV – 1000KVA.
- Auto transfer switch (ATS).
- Low voltage distribution station 0.4KV.
- Water treatment plant.
- Medical vacuum machine and air compressor.
- Steam Boiler & Fire Alarm System.
- Fuel oil pump and lube oil pump.
- Laundry equipment washing machine, electrical dryer, flat ironing machine.

Dates : From Oct. 2000 till Jun. 2001
Employer : Qatar General Petroleum Corp. (QGPC) – Qatar

Job title : Electrical Engineer

Job Description : Installation, maintenance & troubleshooting of electrical equipments:

- Gas turbine generator 11KV – 3.47MVA.
- Power transformer 11/22KV, 11/3.3KV & 11/0.4KV.
- Vacuum C.B. 11KV & motorized valve (M.O.V.) & submerged oil pump 3.3KV – 120KV with soft starter.
- Fire water pump 3.3KV – 220KW.
- Uninterruptible power system (UPS) – 30KVA.
- 11KV MV dist. station & Sf6. CB. 11KW.
- Ring main unit (R.M.U.) with load break switch 11KV.
- Cathode protection for crude oil tanks and pipes.
- Electrical speed governor (speed detector – actuator and load sharing speed control unit).
- Gas compressors and condensate pumps.
- Relays testing by primary and secondary injection.
- Motor protection relay (MCX 913 & ITX).
- Instantaneous E/F relay (I KT941).
- Under voltage relay with time delay (TDK).
- No volt relay (UKT) & Ground fault relay (GFI).
- Synchronizing check with time delay (TDK).
- Inst. O/C (OTK) & diff. relay (D202).
- Low tension motors over load relays testing.
- Motor protection relay – Stromberg (Spem 010).
- O/L relay (Stromberg / CLS – 10A & Telemechanique).
- Bs 5345 – British standard for electrical equipments in flammable area.

Dates : From May 1985 till Oct. 2000

Employer : Assiut Cement Co.

Job title : Electrical Engineer

Job Description :

- Review and approve the design drawing & shop drawing & as-built drawing and the load calculation.
- Review and approve the electrical material and equipments according to specification requirements and the reference standards.
- Inspection and testing the electrical equipments at the factory and site.
- Supervise the installation, testing & commissioning of electrical work and low current systems.
- Supervise the preliminary and finally handed over of electrical work.
- Installation, maintenance & troubleshooting of electrical equipments:
 - Indoor distribution station 6.3KV.
 - Synch. Generator 1000KVA – 0.4 KV.
 - Three pole minimum oil C.B 6.3/0.4KV.
 - D.C. motors up to 4400KW - 6.3/0.4KV.
 - Power transformer 2000 KVA – 6.3/0.4KV.
 - Induction motors up to 4400KW – 6.3KV with rheostat starter.
 - Electro static preceptor, cement mill, furnace, packing plan.
 - A.B.B, Merlin grin, B.B.C equipments.
 - Handling software and hardware documentation.

Dates : From 1983 till 1985

Employer : Egypt Aluminum Company

Job title : Electrical Engineer
Dates : From 1980 till 1983
Employer : Armed Forces
Project : Compulsory Military Service
Job title : Officer