

Holds a B. Sc. in Electrical Engineering and has about 12 years hands-on experience working as Electrical Engineer with background in design and testing. He is experienced in design of control and protection schemes.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 03/11/1975
Gender : Male
Marital Status : Married

EDUCATION

: B. Sc. in Electrical Engineering, 1998

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2008 till now
Employer : Subcontractor with AREVA
Project : King Abdallah University, KAU S/S/THAWL
Job title : Electrical Commissioning Engineer
Job Description : Control & protection.

Dates : From Nov. 2007 till Aug. 2008
Employer : BEMCO, KSA
Project : PP9, Riyadh
Job title : Electrical Commissioning Engineer
Job Description : Control & protection.

Dates : From Mar. 2007 till Nov. 2007
Employer : BEMCO, KSA
Project : New Bawat S/S

Job title : Commissioning Group Leader
Job Description : Testing.

Dates : From Dec. 2006 till Mar. 2007
Employer : VATECH
Project : KHAYBER 110/33/13.8KV S/S
Job title : Electrical Commissioning Engineer
Job Description : Testing.

Dates : From Jul. 2006 till Dec. 2006
Employer : BEMCO, KSA
Project : AOUS S/S
Job title : Electrical Commissioning Engineer
Job Description : Punch list.

Dates : From Mar. 2006 till Jul. 2006
Employer : BEMCO, KSA
Project : Extension Duba/Joba S/S
Job title : Electrical Commissioning Engineer
Job Description : Control & protection.

Dates : From Oct. 2005 till Mar. 2006
Employer : BEMCO, KSA
Project : AOUS S/S Madinah 110/13.8KV
Job title : Electrical Commissioning Engineer
Job Description : Control & protection.

Dates : From Sep. 2005 till Oct. 2005
Employer : BEMCO, KSA
Project : HARAM3 S/S Makah 110/13.8KV
Job title : Electrical Commissioning Engineer
Job Description : Control & protection.

Dates : From Jun. 2005 till Sep. 2005
Employer : TOUKHY, KSA
Project : Extension of Power Plant JAZAN
Job title : Electrical Commissioning Engineer
Job Description : ABB SWG and protection

Dates : From Mar. 2005 till Jun. 2005
Employer : MITSUBISHI
Project : AOUS S/S Madinah 110/13.8KV

Job title : Electrical Commissioning Engineer
Job Description : GIS Mitsubishi.

Dates : From 1999 till Mar. 2005
Employer : Egyptian Electrical Transfer Company
Job title : Electrical Protection Engineer

Field of experience :

- Testing and commissioning of HV equipments like CT, VT, CB and DS.
- Complete testing of control circuit checks, interlocking, alarm, indication and function checks.
- Detailed work on system interface schematics. Design of local and remote control of system. Detailed design on protection schemes. Local and remote indications, alarms and commands interfacing experience. Experience in working on energized substations.
- Experience in preparing probability reports of projects.
- Testing and calibration of measuring instruments like voltmeters, amp meters, power meters, frequency meters, PF meters and transducers.
- Testing and commissioning of substation protective relays like O/C relays (SPAJ140/ABB, KCGG142/ALSTOM, 7SJ52/SIEMENS, 7SJ602/SIEMENS, MICOM P142, etc.), distance relays (REL316, REL531/ABB, 7SA511/SIEMENS, 7SA522/SIEMENS, MICOMP442/ALSTOM, OPTIMHO/ALSTOM, etc.), differential relays (RET316/ABB, 7SD502/SIEMENS, MICOMP543/ALSTOM and MBCI/ALSTOM, 7SD610/SIEMENS, etc.), breaker failure relays (7SV600/SIEMENS, Micom P821), Busbar protection (REB500/ABB), Transformer Diff. relays (Siemens 7UT 6, AREVA Micom P633).
- Testing and commissioning of GIS 110KV MITSUBISHI, GIS 110KV HYUNDAI, SWG 13.8KV ABB, SWG 13.8KV SIEMENS, SWG 13.8KV AREVA, SWG 13.8KV KONCHER.
- Thermal over load relays, under/over frequency load shedding relays, trip circuit supervision relays, auto reclosure relays, transformer automatic voltage regulating relays, synchrocheck relays, etc.
- Stability test of transformer differential schemes, bus bar differential schemes, cable differential schemes, 1 and ½ bus bar arrangement schemes, single and double bus bar schemes and ring bus bar arrangement schemes.
- Design and testing of interlocking schemes, control and alarm schemes, synchronizing schemes, voltage regulating schemes, automatic change over schemes, bus bar schemes and breaker failure schemes.
- Operating experience of different types of testing and calibrating equipments like primary injection ODEN/programma, breaker analyzer TM1600/programma, secondary injection SVERKER 760/programma, relay testing set FREJA300/programma, high voltage insulation and excitation set MAGNUS/programma, low value micro ohm resistance test set MICRO/programma, accurate resistance measuring set WHEAT STONE BRIDGE, relay testing set MANTA/POWERTEC, CT analyzer/omicron, CPC100/omicron, CMC256/omicron.
- Experience in developing test protocols, project schedules and technical evaluations.

Further Skills and Qualifications:

- Experience in testing and commissioning of protection relays and control system.
- Design of control and protection schemes for substations and design review.
- Experience in testing and commissioning of electric works, high voltage and medium voltage switchgears.
- Expert in troubleshooting in protection and control schemes, trouble shooting in operating equipments and devices.
- Skill in operation of static and digital relays. Human man interface knowledge to communicate to relays by manual and computer operated software methods to change the operating settings as per system requirements.