

102968-ELE-12MPST-E-2001
Senior Electrical Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and a High Studies Diploma in electrical machines. Has about 16 years of experience in Maintenance and Engineering of a variety of projects in the field of electrical equipment (Power Delivery) within Egypt and KSA.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 05/07/1978
Gender : Male
Residence : Currently KSA

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, El-Minia University, 2001
: High Studies Diploma in electrical machines, El-Minia University, 2005

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD for Drawing

TRAINING COURSES AND CERTIFICATIONS

: Testing and maintenance of power transformer.
: Testing of dissolved gases in transformer oil.
: Protection system of generator in Germany (SIEMENS AG).
: Maintenance of auxiliaries system in Belgium and Czech Republic (CMI & SKODA).
: Grounding system analyses and design.
: Protection of electric system.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2014 till now
Employer : Saudi Electricity Company
Job title : Senior Electrical Engineer

Dates : From Oct. 2013 till Oct. 2014
Employer : MASCO Infrastructure Company, KSA
Job title : Senior Electrical Engineer
Project : Arar Infrastructure Project transformers and cables installation and testing
Job Description :

- Lead engineering role for Low Voltage and MEP electrical design works.
- Liaison with Utility Authorities on a technical basis.
- Management of design packages' to ensure timely delivery.
- Attend technical discussions/meetings.
- Liaison with internal clients to develop relationships across the business.
- Assist in preparation of daily, weekly and monthly progress reports.
- Attend inspections to ensure that works are constructed in accordance with the contract documentation and method statements.

Dates : From Jun. 2010 till Aug. 2013
Employer : Palace Consultant Company, KSA
Projects :

- Jeddah North West Project 380/110/13.8KV S/S
- Madinah East Project 380/110/13.8KV S/S

Job title : Site Lead
Job Description :

- Coordinate and supervise the work of all testing & commissioning activities and keep all people under safety conditions and monitor final completion of the work.
- Arrange all documents and records of the project (O&M manuals, specification, factory test results, site test results, approved drawings, etc.).
- Technical support and supervise the testing/commissioning activities.
- Review the punch list and try to cover it as possible.
- Solving the minor problem in design or the modification required from client.
- Provide technical support and advisory role in various functions relating to commissioning, operation and maintenance of the power station.
- Plan Electrical materials, tools and equipment as required.
- Ensure the materials delivered at site are as per approved submittals.
- Apply EHS compliance with approved international standard.
- Ran training course for new engineers and technicians.

Dates : From Aug. 2001 till Jun. 2010
Employer : Upper Egypt Electricity Production Co.
Projects :

- El-Kureimat 2 Combined Cycle 2x750MW Power Station
- El-Kureimat 1 2x627MW Thermal Power Station
- El-Kureimat Power Plant

Job title : Electrical Maintenance Engineer
Field of experience :

- Electrical Testing, Maintenance and Commissioning Services for Switchgear, Transformers, Protective Relays, Substations, Circuit Breakers, Automatic Transfer Switches.
- Protection scheme test:
 - 500KV, 380KV and 110KV OHL and Cable line protection scheme.
 - 500KV/380/110KV transformer protection scheme.
 - 110/13.8KV transformer protection scheme.

- 2BB 1CB arrangement BB protection scheme low impedance.
- High impedance BB protection scheme.
- CBF protection scheme and BC, BS scheme.
- Testing and commissioning of protection relays:
 - Bus Bar differential relays.
 - Distance protection relays.
 - Line differential protection relays.
 - Transformer differential relays.
 - Auto reclosure protection relays.
 - Different type of (O/C, E/F, DEF, DOC).
 - High impedance diff protection like RET 670.
- Synchronizing scheme test:
 - AVC scheme and function test.
 - Fault recorder and SER test.
 - AC/DC panel function and scheme test.
- Ground fault system testing.
- SAS alarms testing.
- Prepare Load distribution schedules, Submittals.
- Carry out specification review and ensuring compliance.
- Site organization duties:
 - Coordinate and supervise the work of all testing & commissioning activities and keep all people under safety conditions and monitor final completion of the work.
 - Arrange all documents and records of the project (O&M manuals, specification, factory test results, site test results, approved drawings, etc.).
 - Technical support and supervise the testing/commissioning activities.
 - Review the punch list and try to cover it as possible.
 - Solving the minor problem in design or the modification required from client.
 - Provide technical support and advisory role in various functions relating to commissioning, operation and maintenance of the power station.
 - Plan Electrical materials, tools and equipment as required.
 - Ensure the materials delivered at site are as per approved submittals.
 - Apply EHS compliance with approved international standard.
 - Ran training course for new engineers and technicians.