

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 15 years hands-on experience working in maintenance, operation, commissioning and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/10/1982
Gender : Male
Marital Status : Married
Residence : Ismailia

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2004

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : ANSALDO ENERGIA STG & AUXALIRY Maintenance (ITALY).
- : PMP Project Management Professional Preparing Course.
- : Operation & Maintenance of MV & LV SWGR SCHNEIDER.
- : Operation & Maintenance of Dray type Transformer SCHNEIDER.
- : Operation & Maintenance of DC System SCHNEIDER.
- : Training for gas turbine:
 - Controller (MARK VIE) GE.
 - Protection and monitoring instruments.
 - Automatic control valves.
 - Automatic and manual voltage regulators.
 - Static start device (CNG009A).
 - Measuring and monitoring instruments.
 - Automatic control instruments (TR76).
 - Measuring and protection transformers.
- : First aid and nursing.
- : Fire and civic defense.

- : Training of Siemens Company, for gas insulated switchgear (GIS) in El-Shabab 220KV GIS substation (2011).
- : Training of Siemens Company, for protection system in El-Shabab 220KV GIS substation (2011).
- : Training of Siemens Company, for substation control system (SCS) in El-Shabab 220KV GIS substation (2011).
- : Training of PSP Company, for protection system for Main & aux transformer (2011).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Apr. 2015 till now
Employer : East Delta Electricity Production Company
Project : El-Shabab Combined Cycle Power Plant 1600MW
Job title : Senior Electrical Engineer
Job Description : Construction & commissioning and start-up of El-Shabab Power Project phase II, Converting Existing Simple Cycle (8x125MW) to Combined Cycle (2x750MW).

Dates : From Aug. 2014 till Apr. 2015
Employer : East Delta Electricity Production Company
Project : El-Shabab Gas Turbine Power Station 1100MW
 (8 GE simple cycle units (8x125MW) frame 9FA including Eight power transformers with 165 MVA, 15/220KV for each transformer, Eight auxiliary transformers (8 MVA, 15/6.6KV), 16 Sixteen dry transformers (1.25 MVA, 6.6/0.4KV), 8x220KV feeders with type Siemens (one and half CB) 4 (Four) MV 6.6KV switchgear with (Schneider) type all with DC supply system and UPS 3 BBC simple cycle units (3x33.5MW))
Job title : Electrical Maintenance Engineer
Job Description :

- Testing the transformers electrical protection relays such as T35 & T60 Differential relays, restricted earth fault, Phase OC relays, Instantaneous SC (type GE).
- Test C.B timing & DC contact resistance.
- Maintenance the abnormal electric conditions for Hyundai transformer.
- Experience in Maintenance of main transformer 165MVA, ONAN, ONAF, 15/220KV) and Auxiliary 8 MVA, ONAN, 15/6.6KV) Transformers specially HYUNDI type.
- Testing and commissioning of protection relays of Siemens GIS Substation 220KV (one and half CB) Such as Distance relay (7SA512 & 7SA611), OC relay, differential Relay 7UT612 Breaker failure protective relay (7VK610). Synchrocheck and auto reclosure relay (7VK611), BUSBAR protection (7SS520, 7SS525).
- Testing and commissioning of protection relays of micom P442 & P443 & P127.
- Good dealing with MV switch gear (6.6KV) operation and maintenance.
- Experience in handling different types of Electrical Maintenance and troubleshooting activities related to Plant MV and LV Switchgears.
- Operation and maintenance of dray transformer protection Relays Diesel Generators.
- Good dealing with DC/AC inverters.

- Doing the schedule planning maintenance for all electric machines.

Dates : From Jun. 2012 till Aug. 2014
Employer : SICO (Scientific Implementation Company) in LIBYA
Project : Rehabilitation of control and protections systems using SCADA
Job title : Testing & Commissioning Engineer
Job Description : Testing and commissioning of:

- Power transformers protective relays and making stability test.
- Protective relays (SIEMENS, MICOM).
- Control and protection signals with the control center.
- Check synchronizing and auto reclosing systems.
- Control and protection systems for new substations 220KV, (SIEMENS), 66KV (VATECH conventional, AREVA GIS) 30KV (SIEMENS, AREVA, ABB).
- Busbar protection and circuit breaker failure protection (SIEMENS).
- Digital distance protection (teleportation schemes, switch onto fault) of SIEMENS.
- Replacing all existing protective relays by digital ones of SIEMENS.

Dates : From Sep. 2010 till May 2012
Employer : East Delta Electricity Production Company
Project : El-Shabab Gas Turbine Power Station 1100MW
Job title : Electrical Maintenance Engineer

Dates : From Oct. 2006 till Sep. 2010
Employer : East Delta Electricity Production Company
Project : El-Shabab Gas Turbine Power Station 100MW
 (3 BBC simple cycle gas turbine units (3x33.5MW))
Job title : Operation Engineer
Job Description :

- GT start-up and shutdown operations, supervising, directing and control of shift staff and operation personnel.
- Investigate, troubleshoot and correct abnormal operations, electrical and mechanical problems and faults occurs during start-up and operation according to plant technical wiring and schemes.
- Monitor the operation parameters and adjust it according to safe operation.

Dates : From 2004 till 2006
Employer : Green Valley Factory, ELSALHIA - EGYPT
Project : Food Industry Plant
Job title : Electrical Maintenance Engineer
Job Description :

- Motor control and maintenance.
- Control panel termination and maintenance.
- Installing MCC and MDB panel.
- Transformer maintenance & protection.

- Further experiences :**
- 500KV S/S Commissioning Engineer (GE Hiring).
 - Transformer maintenance & testing trainer course, Fayed Training Center.
 - GIS maintenance & testing trainer course, Fayed Training Center.
 - Testing and commissioning of MV SWITCHGEAR, LC & MCC.
 - TESTING of C.T & V.T.
 - CONTACT RESISTANCE TEST.
 - C.B TIMING TEST.
 - Power Transformer Test.
 - DRY TRANSFORMER TEST.
 - OPERATION & FUNCTION TEST.
 - PRIMARY INJECTION TEST.
 - MECHANICAL INTER LOCKING TEST.