

104409-ELE-1MTyz-S-1997

Electrical Maintenance Technician

Holds an Diploma of Electrical Power and has about 12 years hands-on experience working in maintenance of electrical equipment.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 07/03/1979
Gender : Male
Marital Status : Married

EDUCATION

: Diploma of Electrical Power, 1997

TRAINING COURSES AND CERTIFICATIONS

: Training of maintenance of combined cycle units.
: Training of SF6 breakers.
: Training of electrical protection system.
: Training of control circuits of power transformers.
: Training of safety systems in power stations.
: Training of operation of combined cycle units.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2005 till now
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : Nubaria Power Station (2250MW):

- 4 CTGs (SIEMENS), 2 CTGs (GE)
- 2 STGs (MITSUBISHI), 1 STG (ALSTOM)
- 500KV Double Bus bar Double Breaker switchyard (HITACHI) with MICOM protection Relays
- 220KV Double Bus bar Single Breaker with Bus Coupler switchyard (ABB) With ABB Protection Relays
- Two 500KV OHTL with MICOM Protection Relays
- Eight 220KV OHTL with ABB Protection Relays
- Four tie transformers 500/220/12KV with MICOM Protection Relays

Job title : Electrical Maintenance Technician
Job Description :

- Electrical Technician of maintenance and repairing of electrical machines:
 - Tie transformers, Auxiliaries and Main transformers maintenance.
 - CB's for 500KV CB'S maintenance.

- Battery maintenance.
- Generator maintenance.
- Medium voltage motors and breaker maintenance.
- 16.5/500KV main transformers for Siemens gas turbines.
- 15/500KV main transformers for Mitsubishi steam turbines.
- 500 MVA Tie transformers (500/220/11KV) from ZTR Ukrainian Company.
- 500KV Conventional Air Insulated Switchyard:
 - 6 Incoming feeders from main transformers to 500KV Bus-bar.
 - 4 Outgoing feeders from Bus-bar to (500/220/11KV) Tie transformers.
 - 2 Outgoing feeders from 500KV Bus-bar to Cairo 500 and Sidi Krir 500.
- 220KV Conventional Air Insulated Switchyard:
 - 4 Incoming feeders 220KV.
 - Outgoing feeders 220KV.
 - 220KV Bus-Coupler.
- Live Line Insulator Washing System (LLIWS).
- DC System (Chargers & Batteries).
- Corrective & preventive maintenance for the following:
 - Medium voltage 6.3KV switchgear with 4 incoming feeders.
 - 6.3/0.4KV dry transformers.
 - Motors control center (MCC).
 - Low voltage induction motor.
 - Medium voltage induction motors.
 - Emergency diesel generators.
 - Power transformers.
 - UPS system and Battery Chargers.
 - Distribution Dc system.