

102527-ELE-1MOS-E-2008
Electrical Maintenance Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 12 years hands-on experience working in maintenance, operation, commissioning and start-up at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 10/12/1983
Gender : Male
Marital Status : Married
Residence : Talkha

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Mansoura University, 2008

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Power Point), Internet
: AutoCAD
: Linux OS

TRAINING COURSES AND CERTIFICATIONS

: SIEMENS V94.3A Gas turbine operation using simulator (on-job training).
: Operation of HRSG & steam turbine using simulator (on-job training).
: Training course in security of power plants.
: Microcontroller architecture and programming (PIC & Atmel).
: PLC structure and programming using ladder, FBD, SFC.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2019 till now
Employer : East Delta Electricity Production Company
Project : West Damietta Power Plant phase I (500MW GE frame 9E)
Job title : Electrical Maintenance Engineer

Job Description :

- Carry out routine maintenance on generation plant and associated equipment and provide supervision for Electrical Technician(s) as required.
- Troubleshoot and repair of generation electrical plant and associated equipment to maintain the highest level of availability and reliability.
- Carry out and supervise new installations, modifications, and upgrades to electrical generation plant equipment as required.
- Accurate & timely completion of all documentation associated with maintenance work.
- Witnessing of testing / commissioning as required.

Dates : From Jul. 2013 till Jan. 2019
Employer : Middle Delta Electricity Production Company
Project : New Talkha Combined Cycle 750MW
Job title : Shift Charge Engineer
Job Description :

- Daily Reports for the normal Operation of Units.
- Co-ordinate between Operation Dept. & Maintenance Dept. to solve problems & fix faults.
- Troubleshooting, effective response to emergency conditions and compliance to safety procedures.

Dates : From Oct. 2011 till Jul. 2013
Employer : Middle Delta Electricity Production Company
Project : New Talkha Combined Cycle 750MW
Job title : Field & Control Room Operator
Job Description :

- Participate in commissioning and start-up of ALSTOM (250MW) DKYZZ3-2N41C steam turbine.
- Participate in construction, commissioning, steam blow, by-pass operation and start-up of ALSTOM (250MW) and CMI HRSG.
- Steam Turbine Operator for ALSTOM (250MW).

Dates : From Aug. 2009 till Oct. 2011
Employer : Middle Delta Electricity Production Company
Project : New Talkha Combined Cycle 750MW
Job title : Field & Control Room Operator
Job Description :

- Participate in construction, commissioning and start-up of SIEMENS V94.3A gas turbine.
- Operation of 2x250MW SIEMENS V94.3A gas turbine - Teleperm XP control system upgrade to SPPA-T3000 and associated auxiliary through DCS.
- Monitoring the operation of a power generating unit to ensure reliable and efficient power generation.
- Performing the unit start-ups and shutdowns per assigned targets.
- Troubleshooting, effective response to emergency conditions and compliance to safety procedures.
- Diagnose and resolve day-to-day operational problems.
- Raising defects for equipment & doing isolation and de isolation procedures according to the work permit.
- Perform high/medium voltage switching operations.

- Handling plant fire fighting.