

100060-MEC-1CMOY-E-2006
Senior Mechanical Maintenance Engineer

Holds a B. Sc. in Mechanical Engineering and has about 14 years hands-on experience working in maintenance, operation, commissioning and start-up at Talkha Power Plant.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 03/05/1982
Gender : Male
Marital Status : Married
Residence : Dakahlia

EDUCATION

: B. Sc. in Mechanical Engineering, Mansoura University, 2006

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Motor operated valves Basic, advanced and specialist course (ATEC).
- : OV010 - WIN Ovation Windows operator course (EMERSON).
- : SIEMENS V94.3A Gas turbine operation using simulator (on job training).
- : English course for mechanical engineering (on job training).
- : German course.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2012 till 2022
Employer : Middle Delta Electricity Production Company
Project : Talkha Combined Power Plant 750MW
Job title : Senior Mechanical Maintenance Engineer
Job Description :

- Responsible for corrective, preventive, predictive, periodic maintenance activities and major inspections in the power plant.
- Preparation and participation in different inspections (minor, hot gas

path, major) SIEMENS gas turbine SGT5-4000F.

- On the basis of programmed activities and operating conditions, prompt notification of spare part requirements to compensate deviations from routine and special maintenance demands.
- The updating of data concerning the certification of machines and equipment, by making arrangements to check the current validity of the said certification.
- Assist in the preparation of predictive, preventive, modification and major shutdown maintenance program for mechanical equipment in the plant.
- The quality of machine, equipment or plant maintenance operations, including those carried out by third parties, is in line with reference standards.

Dates : From 2011 till 2012
Employer : Middle Delta Electricity Production Company
Project : Talkha Combined Power Plant 750MW
Job title : Shift Charge Engineer
Job Description :

- Responsibility for all operational plant on the site associated with the reception, control of boiler and turbine plant, generation and control of power generated; control of the flue gas treatment.
- Control and maintain auxiliary equipment, such as pumps, fans, compressors, condensers, feedwater heaters, filters, and chlorinators, to supply water, fuel, lubricants, air, and auxiliary power.
- Daily Reports for the normal Operation of Units.
- Co-ordinate between Operation Dept. & maintenance Dept.'s to Solve problems & Fix faults.
- Troubleshooting, effective response to emergency conditions and compliance with safety procedures.

Dates : From 2009 till 2011
Employer : Middle Delta Electricity Production Company
Project : Talkha Combined Power Plant 750MW
Job title : DCS Operation Engineer
Job Description :

- Monitoring the operation of a power generating unit to ensure a reliable and efficient power generation.
- Performing the unit startups and shutdowns per assigned targets.
- Diagnose and resolve day-to-day operational problems.
- Perform high/medium voltage switching operations.

Dates : From 2008 till 2009
Employer : Middle Delta Electricity Production Company
Project : Talkha Combined Power Plant 750MW
Job title : Field Operator Engineer
Job Description :

- Work outside in the plant and is in constant communication with the Panel Operator and Lead Operator directly and/or by radio in field operations such as making manual adjustments to valves and equipment etc.
- Diagnose and resolve day-to-day operational problems.
- Raising defects for equipment & doing isolation and de-isolation

- procedures according to the work permit.
- Observe local instruments, gauges, and meters to verify conformance to standard operating practice.