

Holds a B. Sc. in Electronics & Communication Engineering and has about 17 years' experience working in operation and I&C maintenance.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 19/11/1981
Gender : Male
Marital Status : Married
Residence : Dakahlia

EDUCATION

: B. Sc. in Electronics & Communication Engineering, Mansoura University, 2006

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet

TRAINING COURSES AND CERTIFICATIONS

- : SPPA-T3000 Engineering and Maintenance Service at SIEMENS TRAINING Center (Germany).
- : SPPA-T3000 administration and commissioning at SIEMENS TRAINING Center (Germany).
- : Basic operation and maintenance of SIEMENS V94.3A training at SIEMENS TRAINING CENTER (on-site training).
- : Man to machine interface (TELEPERM XP) of SIEMENS V94.3A at SIEMENS TRAINING CENTER.
- : Field trainings at Talkha Power Plant:
 - Operation Training from SIEMENS Engineers during Commissioning of Talkha Combined Cycle Power Plant (750MW).
 - Steam turbine and auxiliary operation course.
 - Components and operation of combined cycle power plants course.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From 2011 till now
- Employer** : Middle Delta Electricity Production Company
- Project** : New Talkha Combined Cycle Power Station 750MW
- Job title** : I&C Maintenance Engineer of 2x250MW gas turbine model SIEMENS V94.3A (SGT5-4000F) and their auxiliaries
- Job Description** :
- Create PPMs (periodic preventive maintenance) for each equipment.
 - Plan and execute routine maintenance job for the specific plant are assigned.
 - Plan and manage time and manpower for executing the annual and major overhauls and prepare overhaul work details for Instrument & Control Plants/Equipment with regard to Desalination Units assigned.
 - Supervise and monitor the progress of all types of routine, breakdown and planned maintenance activities, so as to minimize down time for the equipment for increased plant availability.
 - Participate in the identification and correction of engineering problems as directed by Unit Head.
 - Order plant spares and set track stock level so as to avoid shortage of spares during major overhaul of the plant for increased plant availability.
 - Assist in the preparation of technical specification for contract works and under takes technical supervision of contractors.
 - Prepare the working instruction procedures for the maintenance and calibration of various field instruments and control valves.
 - Stroking and adjustment of motorized, hydraulic, and pneumatic control valves.
 - DCS software (forcing, archiving, graphics modifications, ...etc.).
 - Installation and commission for different electronic system and equipment.
 - Setting new limits and references to the standard specification.

- Dates** : From 2006 till 2011
- Employer** : Middle Delta Electricity Production Company
- Project** : Talkha Combined Cycle Power Station (750MW)
- Job title** : Operation Shift Engineer
- Job Description** :
- Attendance of erection and commissioning of 2x250MW gas turbine model SIEMENS V94.3A (SGT5-4000F) and their auxiliaries.
 - Attendance and operation of 2x250MW SIEMENS Gas Turbine V94.3A2 (SGT5-4000F) during performance and reliability tests.
 - ON-JOB TRAINING from SIEMENS Operators and Commissioning Engineers.
 - Attendance of erection and commissioning of Alstom steam turbine 250MW & 2 HRSG CMI-SKODA made 340 T/H.
 - Operation of 2x250MW SIEMENS V94.3A gas turbine - Teleperm XP control system - 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 firefighting.

Field of experience :

- Operating & Maintenance for Auto. Control system (Industrial field).
- Share in erection and commissioning for 750MW Talkha Station from the beginning to the end (2x250MW SIEMENS V94.3A gas turbine + Alstom steam turbine 250MW).
- Technical office (work shop drawing & studying project).
- Install all Electrical Equipment & Instrumentation.
- Computer maintenance (hardware & software).
- Experience in generation Power Plant Instrumentation and Control System. Carry out of the repair and maintenance work of all types of field instruments such as temperature, pressure, level, vibration, speed, flame detectors, transmitters, switches, gauges, recorders and analyzes.
- Calibration and maintenance of various types of control actuators e.g. Hydraulic, pneumatic and motorized control valves.
- Work experience on different control systems such as PLC, DCS.