

Holds a B. Sc. in Electrical Engineering and has about 8 years hands-on experience in Siemens gas turbine V94.3A control system.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 06/03/1982
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: B. Sc. in Electrical Engineering, 2004

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

- : On-shore trainings:
- DCS control system ALSPA in Nubaria site.
 - Combined Cycle Power Station operation in Nubaria site.
 - Measurement and control instruments in Combined Cycle Power Station.
- : Off-shore training:
- Course in HRSG operation and instrumentation for STF Company in Italy.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2005 till now
Employer : Egyptian Electricity Holding Company
Project : Nubaria Combined Cycle Power Plant (3 modules x 750MW), consists of:

- Four SIEMENS gas turbines 4x250MW
- Two GE gas turbines 2x250MW
- Three MITSUBISHI steam turbines 3x250MW

- Job title** : • Four ALSTOM Heat Recovery Steam Generators (HRSG)
• Two STF Heat Recovery Steam Boilers (HRSG)
- Job Description** : • I&C Engineer (commissioning, start-up, maintenance)
- Perform fuel gas and fuel oil commissioning and start-up.
 - Perform loop check and function test during commissioning.
 - Perform calibration, testing, repair and installation for all field devices such as Pressure sensors, RTD, Thermocouples, flow sensors, position sensors, level sensors.
 - Perform planning and do the preventive, predictive and breakdown maintenance.
 - Able to read, understand, interpret and implement work based on engineering drawings, P&ID, specifications, O&M manuals in English language.
 - Perform maintenance, calibration and installation for Pneumatic valves, Hydraulic valves, Electrical valves.
 - Perform maintenance, calibration and installation for solenoid valves and servo valves.
 - Perform maintenance, troubleshooting and installation for Siemens PLC step 5, 7 hardware (CPU / input cards / output cards) and software (download / upload / modification).
 - Perform maintenance, calibration and installation for gas detection sub system components (cards and sensors).
 - Perform maintenance, calibration and installation for fire fighting sub system and calibration for all devices such as smoke detectors, heat detectors and infra red flame sensors.
 - Perform hot gas path and major inspection for Siemens gas turbine several times.
 - Perform maintenance and troubleshooting for Siemens automation system (teleperm xp).
 - Perform maintenance for Siemens basic automation system (AS 620B).
 - Perform maintenance for Siemens failsafe automation system (AS 620F).
 - Perform maintenance for Siemens GOVERNOR system (AS 620T).
 - Troubleshooting and repair of the automation system problems.
 - Fault analysis using the OM 650 (HMI) display facilities.
 - Analysis and recovery for hardware and software errors.
 - Familiar with the use of Industry standard tools and tackles such as ammeter, volt meters, clamp meter, vibration instrument, temperature gauge instrument, multi meters and continuity test devices.