

Holds a B. Sc. in Industrial Electronics & Automatic Control Engineering and has about 13 years hands-on experience working in I&C field at Nubaria Power Station Module III (750MW).

PERSONAL DATA

Nationality : Egyptian
Birth Date : 12/06/1980
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: B. Sc. in Industrial Electronics & Automatic Control Engineering, Menoufia University, 2005

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: GE 9FA gas turbines on-site operation mechanical training and operation electrical/control training, Nubaria (from Feb. till Apr. 2009).
: SIEMENS V94.3A gas turbines basic on-job operation training, Nubaria.
: Combined cycle operation training, Nubaria.
: Safety System Training Course.
: GE up grad from mark 6 to Mark 6e controller training.

CHRONOLOGICAL EXPERIENCE RECORD

Employer : Middle Delta Electricity Production Company
Project : Nubaria Power Station Module III (750MW):

- Two GE CTG x 250MW type MS9001 (9FA)
- Two horizontal STF HRSG
- One ALSTOM STG 250MW (HP, IP, LP)
- 500KV switchyard

Job title : I&C Engineer
Job Description :

- Medium and low switchgears
- Module auxiliaries
- Mark 6 & Mark 6e controller configuration, start-up, signal tracing and troubleshooting.
- Coordinate the testing, repairing, calibration and troubleshooting of several kinds of Switches (Pressure, flow, level, proximity and DP), Smart Transmitters, Steam and Water Sampling Analyzers, CEMS Analyzers, Vibration sensors, hazard gas sensors, Fire Fighting and detection system, Motorized Valve Actuators, Pneumatic Valve Actuators and Hydraulic "servo" Valve Actuators.
- Evaluate the manpower requirement for daily preventive, break down and shutdown maintenance and provide field supervision over the execution of maintenance activities of the equipment to ensure that the problems are solved with minimum down time.
- Monitor the work order status for obstacles and to reschedule the task if required.
- Monitor and control spares inventory.
- Prepare and review various maintenance performance report.

Dates : From Jun. 2015 till Sep. 2015
Employer : [EGYPTROL](#), GE Energy Subcontractor
Projects : Emergency Power Plants Projects (20x25MW), Assiut / EL-HAMRA Site (4 Gas Turbines 4x25MW, TM2500+)
Job title : Operation & Maintenance Engineer
Job Description :

- Start-up and synchronize and shutdown TM(s).
- Work as O&M Engineer on GE gas turbine TM2500+.
- Make OFF line Compressor Wash.
- Performing the required maintenance programs.
- Troubleshooting of gas turbine alarms and failures.
- Change LP & HP liquid fuel filters.
- Clean chip detectors.
- Work on operating system (GAP) Program.
- Change generator air inlet filters.

Employer : Middle Delta Electricity Production Company
Project : Nubaria Power Station Module III (750MW)
Job title : I&C Construction & Commissioning Engineer
Job Description :

- Working as I&C Owner Representative during the commissioning and start-up of GE gas turbine, HRSG and DCS.
- Review I&C systems integrity and fitness according to Contract requirement and standards.
- Following up (calibration, cold loop check, hot loop check, commissioning, start-up, Function test and tuning activities).
- Following-up of all field instruments installation, calibration and testing.
- Working as I&C Engineer during the combustion inspection (CI), Warranty inspection and Major inspection of two GE gas turbines GE9FA.
- Maintenance and calibration of Gas hydraulic Servo valves (Woodward valves), liquid fuel servo valves (MOOG) and IGV servo valve tuning and

adjusting of Pneumatic control valves and on-off valves. Vibration probes, proximity transducers and Seismic Sensors, Speed sensors, DC LVDT.

- Testing and installing of all turbine supervisory instruments (TSI).
- I&C Maintenance Engineer after TO.