

Holds a B. Sc. in Electronics & Electrical Communication Engineering and has over 7 years hands-on experience in I&C commissioning, start-up and maintenance.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 14/08/1982
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: B. Sc. in Electronics & Electrical Communication Engineering, Tanta University, 2004

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Linx & UNIX operating systems

TRAINING COURSES AND CERTIFICATIONS

: Trainings in El-Behira Electrical Company, Damanhur - El Behira (summer 2002 & 2003).
: Introduction to advanced communication systems (PBX, GSM, ISDN, FAX, Computer Networks, etc.), Jelecom Company, Aug./Sep. 2004.
: 9FA Gas turbine – Generator maintenance (off-shore training), GE Energy Learning Center Belfort – France, Feb. 2009.
: ALspa P320 Distributed control system "ALSTOM", Nubaria Power Station, Aug./Sep. 2006.
: Maintenance of combined cycle instruments, Nubaria Power Station, Mar./Apr. 2008.
: DCS control system, Nubaria Power Station, May 2008.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Oct. 2005 till now
- Employer** : Middle Delta Electricity Production Company (MDEPC)
- Project** : Nubaria Power Station (2250MW):
- Two modules each module consist of:
 - Two Siemens gas turbine 250MW type V94.3A.
 - Two horizontal Alstom HRSG, DCS Alspa p320.
 - One Mitsubishi STG 250MW (HP, IP, LP).
 - One module consist of:
 - Two GE Gas turbines 250MW frame MS9001FA.
 - Two STF horizontal HRSG.
 - One ALSTOM steam turbine 250MW (HP, IP, LP stages).
 - DCS supplied by YOKOGAWA.
- Job title** : I&C Commissioning, Start-up & Maintenance Engineer
- Job Description** :
- For SIEMENS Gas turbine V94.3A:
I have very good experience in Siemens Gas Turbine V94.3A in the following systems:
 - Fuel gas commissioning and start-up.
 - Fuel oil commissioning and start-up.
 - Wet compression - water injection into air intake- commissioning and start-up.
 - Major inspection for the gas turbines.
 - Minor inspections for the gas turbines.
 - Hot gas path inspection for the gas turbines.
 - Automation control system (TELEPERM XP AS620, OM 650, ES680) for modification, simulation and buck up.
 - Fail safe controller system (SIMATIC S5-95F).
 - Turbine digital Control System (SIMADYN D V 4.2.7a).
 - PLC Step 5 & Step 7 Siemens programming and troubleshooting.
 - Fault analysis using the OM 650 display facilities.
 - Analysis hardware and software errors.
 - Gas turbine tuning and optimization.
 - Troubleshooting of the control system problems.
 - Calibration of the field devices “transmitters, switches, gauges, etc.”
 - Temperature sensors “RTD and thermocouple” faults recovery.
 - Vibration, acceleration and humming systems.
 - Dealing with the input/output cards, installation, programming and faults recovery.
 - Test, installation, calibration and maintenance for different types of (solenoid, hydraulic, motorized, pneumatic) valves.
 - Gas detection system, fire alarm system and fire fighting system.
 - Instrument Air Compressor as Atlas Copco and BOGE.
 - HYDAC skid (hydraulic skid used for diverter damper system).
 - Perform the routine maintenance of the system components.
 - High experience in store managements.
 - For GE gas turbine 9FA:
I have good knowledge in the following systems:
 - Toolbox hardware and I/O definition.

- Toolbox options (I/O reports, hardware signals tracing, replacing I/O cards & UCVX controller card, go on/off line, major/minor/equal difference, saving, log reports, alarm list, constant list, finder, forcing signals, changing control constant, alarm tracing, diagnostic alarms, LVDT calibration, valve stroking).

- Further experiences :**
- Worked in Kahromika Company in optical fiber ground wire (OPGW) cable extension and splice.
 - Sales Engineer in Je telecom Company.