

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 12 years hands-on experience working in I&C, operation, start-up and maintenance.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 24/07/1986
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Alexandria University, 2008
: Finished the primary study of Master degree in Electrical Power Engineering

LANGUAGES

Arabic : Native Language
English : Very Good
French : Fair

COMPUTER SKILLS

: Windows, MS Office, Internet
: Plc s7 simatic program
: AutoCAD
: MATLAB
: Visio for electrical drawings
: Programming language using Basic and C language

TRAINING COURSES AND CERTIFICATIONS

: Siemens Power Academy training for 6 months, 3 months in Germany and 3 months in Egypt by Siemens Company at T3000 & modern Gas Turbines SGT8000H & Steam Turbines ST5000H & NEM HRSGs.
: Training course in PLC siemens step 7 in Abu Qir Training Center.
: Training course in DCS "Mark VII & Mark VI & Infi90 & Honeywell" in Abu Qir Training Center.
: Introduction to Advanced communication systems (GSM, PBX, μ p & μ c, CCVE, ISDN, FAX, Fire Alarm, Sound system and Computer Network).

- : Training in Alex for distribution electricity (2005-2006).
- : Training in Nubaria Power Station (2007-2008).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2019 till now
Employer : SIEMENS O&M
Project : EI-Burullus CCPP 4800MW
Job title : I&C Engineer
Job Description :

- Do preventive maintenance and corrective maintenance for control system SIEMENS T3000 including all field transmitters, sensor and actuators.
- Do all corrective maintenance for auma actuators including adjust limits and torque feedback and changing positioner module and any defect module.
- Commissioning of I&C component like plc. Sensors drives DCS logic diagrams control algorithms black box.

Dates : From Aug. 2017 till Dec. 2018
Employer : Egyptian Electricity Holding Company
Project : EI-Burullus CCPP 4800MW
Job title : I&C Engineer
Job Description :

- Commissioning Engineer for control system SIEMENS SPPA T3000 for 8 Siemens Gas Turbines SGT8000H, 4 Siemens Steam Turbines ST5000H and 8 HRSG NEM Company.
- Loop test.
- I&C support.
- Cold Commissioning.
- Hot commissioning.
- Trial operation.
- Documentation.
- Preparing new cabinet for control and automation system.
- All the work under PTW officer supervision following the LOTO rules for safety.

Dates : From Dec. 2016 till Aug. 2017
Employer : TNB REMACO KHARAFI NATIONAL JV
Project : SABIYA EMERGENCY POWER STATION LM6000 (KUWAIT)
Job title : Shift Charge Engineer
Job Description :

- Operate and supervision for:
 - 6 x GE LM6000 Gas Turbine Generator Sets.
 - 3 x 120 MVA, 11/275KV Generator Step Up Transformers – GE.
 - 2 x 5000 Tons Chillers for Turbine Inlet Cooling and Cooling Towers – TAS.
 - 3 x 2250 HP Fuel Gas Compressors – GE.
- Fast Start-up for all units and BOP in case of emergency and peak hours and black shutdown.
- Safe Start-up for equipment and for people.

- Prepare isolation procedure for equipment maintenance.
- Good knowledge in using borescope inspection equipment to inspect turbine blade wear.

Dates : From Dec. 2015 till Jun. 2016
Employer : GE
Project : MALLAWI WEST GE TM2500
Job title : I&C Commissioning & Start-up Engineer
Job Description :

- Start-up and operate 2 units GE TM2500 and doing all necessary check lists.
- Doing commissioning tests and start-up for all auxiliary equipment and systems for the plant.
- Make sure all the technical documents necessary for commissioning of different units are available with commissioning team.
- Be aware of commissioning schedule of the site and accordingly divide the work through comm. Team and allocate needed resources such as manpower and tools.
- Make sure all systems are completed before taking over by comm. Team and following up to remove the remaining opening items through punch lists by construction team.
- Supervise all acceptance tests of units.

Dates : From Jun. 2012 till Aug. 2015
Employer : Middle Delta Electricity Production Company (MDEPC)
Project : Nubaria CC Power Station (2x750MW)
Job title : Shift Charge Engineer
Job Description : Operate and supervision for:

- GE Gas Turbine (2x250 MW) Type 9FA.
- Alstom steam turbine.
- Two horizontal STF HRSG.
- 220KV switchyard ABB.
- 500KV switchyard JAPAN AG.
- Four tie transformers 500/220KV ZTR.
- Medium and Low Voltage Switch gears.
- BOP start-up and operation.

Dates : From Jul. 2008 till Jun. 2012
Employer : West Delta Electricity Production Company (WDEPC)
Project : CCPP
Job Description : Operate and supervision for:

- 4 Gas Turbines GE FRAME 5 (1 Block of 4 Units Frame 5 Gas Turbine Black Start Combined with GE 50MW Steam Turbine).
- (NEM) Heat Recovery Steam Generator (HRSG).
- Steam Turbine Mark V control.
- BOP bailey DCS Control.
- LOTO Authorized Person 220KV High Voltage Switchgear, Switching, Isolation, Earthing, Lock out, tag out.
- Medium Voltage Switchgear 10KV & Low Voltage 400V Switching, Isolation, Earthing, Lock out, tag out.

- Mechanical and Electrical equipment Isolation, Earthing, Lock out, tag out.
- Work permit, Sanction for test, LOA (limitation of access).
- ROMP (Restoration of Motivated Power), Hot Work Permit.
- Confined Space Document preparation.