

Holds a B. Sc. in Communication & Electronics Engineering and has over 14 years hands-on experience working in operation, start-up and I&C.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 18/12/1983
Gender : Male
Marital Status : Married

EDUCATION

: B. Sc. in Communication & Electronics Engineering, Alexandria University, 2005

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : 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).
- : Advanced course in PBX.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2018 till now
Employer : SIEMENS
Project : Burullus Power Station
Job title : Senior 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.

Dates : From Aug. 2017 till Dec. 2018
Project : Burullus CAPP
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.

Dates : From Jun. 2016 till Sep. 2017
Employer : Middle Delta for Electricity Production Co.
Job title : I&C Engineer
Job Description : Maintenance activates for Gas Turbines (SIEMENS V 94.3) controlled by PLC SIEMENS TELEPERM XP including the following:

- Receiving and acceptance of all spare parts instrumentation devices.
- Responsible for check and repair activities of instrumentation cabinets, control panels, PLC, electronic cards, analyzers, transmitters, switches, thermocouples, RTDs, Gas Turbine Auxiliaries Systems and valves.
- Maintenance of the field installed device and troubleshooting for any problem occurred in the field instrumentation.
- Support for operators for dealing with different control systems.

Dates : From Feb. 2016 till Apr. 2016
Employer : GE - [EGYPTROL](#)
Project : Malawi – GE TM2500
Job title : 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 item through punch lists by construction team.
- Supervise all acceptance tests of units.

Dates : From Dec. 2013 till Dec. 2015
Employer : Tenaga Nasional Berhad (TNB) REMACO KHARAFI NATIONAL JV
Project : SABIYA OPEN CYCLE PLANT 1 EMERGENCY POWER STATION LM6000 (KUWAIT)
The Power Plant contains (LM6000 PC x 6 units) and several auxiliaries (Air

compressors, Gas Compressors, Chillers, water treatment system, firefighting system and 5 Auxiliaries transformers).

- Job title** : Shift Charge Engineer
- Job Description** :
- Team Shift Leader of Gas turbines and auxiliaries.
 - Releasing Work orders (W.O.) and (P.T.W) by INFOR system. For All Maintenance Department.
 - Performing LOTO instructions before maintenance works.
 - Responsibility of (daily operation & monthly) reports to top management and M.E.W.
 - Monitoring the performance Gas Turbines units and auxiliaries, by observing the trends.
 - Sharing my technical knowledge with Local technicians (Kuwaitis), by sharing in training courses.
 - Organizing and supporting the staff while starting up and shutting down GT units.
 - Reporting to Head Engineering Department for proposal Maintenance Schedule.
 - Performing Pre-commissioning, commissioning, and start-up tests, after over- haul inspection.
 - Performing Maneuvers while Transformers' isolation, capable of analyzed P&ID and single line diagram.
 - Dealing with troubleshooting and performing root cause analysis to avoid any periodic problems.
 - Performing daily operation activities such as (off-line water wash, online water wash).
 - Following up the distillation water analysis to get high performance of conductivity for Chiller and EVAP system.

- Dates** : From Jun. 2011 till Dec. 2013
- Employer** : Middle Delta Electricity Production Company (MDEPC)
- Project** : Nubaria Combined Cycle (2x750MW) Power Station (EGYPT)
- Job title** : Shift Charge Engineer
- Job Description** :
- Operation and supervision for:
- Siemens Gas Turbine (4x250MW) Type V94.3A.
 - Mitsubishi Steam Turbine (2x250MW).
 - Two horizontal Alstom HRSG.
 - 220KV switchyard ABB.
 - 500KV switchyard JAPAN AG.
 - Four tie transformers 500/220KV ZTR.
 - Medium and Low Voltage Switchgears.
 - BOP start-up and operation:
 - Circulate pump start and condenser water box filling.
 - Condenser water vacuum pump.
 - Debris filter.
 - Gland steam and vacuum preparation.
 - Lube oil and turning gear.
 - HRSG starts and bypass operation.
 - Turbine governing system.
 - Operation for Generator and synchronizing.
 - Generator Auxiliary Systems.

- 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.

Dates : From Jul. 2007 till Jun. 2011

Employer : West Delta Electricity Production Co. (WDEPC)

Project : Combined Cycle Power Station (EGYPT)

Job title : Shift Charge Engineer

Job Description : Operation 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.