

Holds a B. Sc. in Mechanical Engineering and has over 16 years proven hands-on extensive experience in power, utility & associated plants commissioning, operation and monitoring on-field, control room and site office.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 17/08/1976
Gender : Male
Residence : Talkha

EDUCATION

: B. Sc. in Mechanical Engineering, Mansoura University, 2000

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Aug. 2016 till now
Employer : SIEMENS
Project : Burullus CCPP 4800MW
Job title : PTW Coordinator
Job Description :

- Complete the Siemens internal PTW training with responsibility for coordination and administration of PTW system.
- Obtaining tools and equipment required to operate PTW system.
- Maintaining data base, filing system and various lists to support administer and manage PTW system.
- Training AA and LS PERSONNAL.
- Monitoring and maintain the PTW procedure flow path.
- Ensuring compliance monitoring take place after issue of PTW.
- Issuing completed PTW to AA and ensuring that the AA fully understand the controls and limitations.
- Subject to experience and completing the basics isolation training carryout the function of SAP.

Dates : From Jun. 2015 till Aug. 2016
Employer : El Sewedy Electric
Project : ATTAQA SIMPLE CYCLE 650MW GT
Job title : Lead GT Mechanical Commissioning Engineer
Job Description :

- Supervision of plant and personnel on 24 hr.
- Monitoring construction progress.
- Reporting to start-up manger all construction defects.
- Assisting in producing commissioning procedureds and schedule.
- Personally responsible for commissioning lube oil, light distillate oil, cooling water systems.
- Operating plant during trial run and acceptance trials.
- Operation and supervision PERMIT TO WORK SYSTEM
- NG firing as main fuel and solar oil as backup fuel.
- PREMIX and diffusion mode for NG, DIFFUSION mode for solar oil only, plant control via SPPA-T30002.

Dates : From Nov. 2014 till Jun. 2015
Employer : El Sewedy Electric
Project : Al Diwaniya Simple Cycle gas turbine – IRAQ
Job title : Lead GT Mechanical Commissioning Engineer
Job Description :

- Follow up all commissioning activities for Gas turbine 9E class A from final construction to final handover for customer.
- Verification of IGV of main compressor.
- Lube oil system, cooling water, light distillate oil flushing.
- Inlet air filter puff test, APU system preparation.
- Washing system orifices prepared in site.
- All hot commissioning, start-up of the unit.
- All commissioning test on firefighting system.
- Operate WORK TO PERMIT system.

Dates : From Feb. 2013 till Oct. 2014
Employer : Doosan Heavy Industries and Construction Company
Project : Al Ain Soukhna Supercritical Power Station 2x650MW
Job title : Lead Mechanical Commissioning Engineer
Job Description :

- Safety Controller, operating the company safety rules.
- Pre-commissioning, commissioning and operation duties during construction.
- Responsible for steam and water circuits.
- Responsible for fuel oil system and flue gas system.
- Responsible for steam blow of both boilers.
- Supervision the operation of the units during start-up, reliability run tests.
- Responsible for PERMIT TO WORK system.

Dates : From Jun. 2012 till Feb. 2013
Employer : SAUDIA ELECTRICITY COMPANY
Project : RABIGH POWER PLANT (KSA)
Job title : Shift Charge Engineer

Job Description :

- Ensure safety compliance of self and others.
- Perform all work in compliance with safety handbook.
- Issue equipment clearances and WORK PERMITS.
- Verify the satisfactory operation of equipment using logs, charts, meters.
- Control the shift of all plants consists of 60 operators
- ON-JOB TRAINING of member of shift.

Dates : From Dec. 2011 till Jun. 2012

Employer : ELSEWEDY ELECTRIC

Project : ABU QIR THERMAL POWER PLANT 2x650MW

Job title : Senior Mechanical Commissioning Engineer

Job Description :

- Shift Leader, responsible for start-up and operation of the final two units.
- Personally responsible for commissioning of the steam systems of the plants.
- Supervising the operation of two units during start-up, reliability run and tests.
- Personally responsible for commissioning of condensate, service and circulating water systems.
- Personally responsible for commissioning of steam blow of two units.
- Assist in chemical cleaning of both units.
- Assist in producing commissioning procedures and schedules.
- Operate WORK TO PERMIT system.

Dates : From Feb. 2011 till Dec. 2011

Employer : Kharafi National

Project : AL-SHABAB SIMPLE CYCLE 1000MW GAS TURBINE

Job title : Shift Operation Engineer

Job Description :

- Responsible for the shift on final construction, commissioning, start-up of the plant.
- Control the shift of plant during performance and reliability tests.
- Training the client staff on theory and practical.
- Preparation of operating manuals in cooperation with operation department and vendor.
- Operation and supervision of the PERMIT TO WORK system.
- ISSUING OF SAID PERMITS.

Dates : From Dec. 2009 till Feb. 2011

Employer : PGESCO / Bechtel

Project : CAIRO WEST 2x350MW STEAM TURBINE:

Plant consists of 2x350MW steam turbine designed by MHI and natural circulation forced draft boilers by HITACHI/BABCOCK and balance of plant by Initec.

Job title : Senior Commissioning & Start-up Engineer

Job Description :

- Supervising of plant personal during initial operation of the plant.
- Responsible for pre-commissioning, commissioning and start-up of steam turbine generator.
- Review p and D and engineering documents (data sheeted,.....).
- Perform systems walk downs and prepare punish list.

- Coordinate punch list completion activities.
- Direct, coordinate and supervising the action of the clients operational staff during operations phase of project.
- Record data as per operating and maintenance instructions.
- Assistance in preparation of PERMITS and LOTO system.
- Plant control was via YOKOGAWA and DIASYSTEM NETMATION.

Dates : From Feb. 2008 till Nov. 2009
Employer : Hitachi - Toyota
Project : EL-ATF 750MW CCGT
Job title : Senior Commissioning & Start-up Engineer
Job Description :

- Performed pre-commissioning, commissioning and operational checks.
- Supervising, witnessing and recording of tests.
- Pre-start checks, initial operation of plants.
- Reporting to start-up manager daily construction progress and failures.
- Operation plant during trail run and acceptance test.
- Client staff training in theory and and practice of plant.
- Reporting defects and supervising construction staff during remedial work.
- Responsible for issuing work to permit.

Dates : From Jul. 2006 till Jan. 2008
Employer : Toshiba - Toyota
Project : NEW TALKHA 750MW CCGT:
 Plant consists of 2x250MW GAS TURBINE designed by SIEMENS model (94.3A2), Heat Recovery Steam Generator (HRSG) by consortium between CMI and SKODA, 1x250MW designed by ALSTOM.
Job title : Commissioning & Start-up Engineer
Job Description :

- Team Leader of small and dedicated group responsible for the pre-commissioning, commissioning and start-up of plant.
- Carried out post commissioning and operational duties after successful completion of construction.
- ISSUNING WORK TO PERMIT documents, Accepting permits.
- Organizing, assigning and supervising activities of a team of 5 supervisors, 15 operators.
- Participating as coordinator for start-up of units after shutdown for maintenance.

Dates : From Sep. 2004 till Jul. 2006
Employer : MDEPC
Project : Talkha Steam Turbine 2x220MW:
 Plant consists of 2x220MW oil/gas fuel steam turbine. SKODA Company designed both steam turbine and natural circulation forced draft boilers.
Job title : Shift Charge Engineer
Job Description :

- Control of the shift, supervising local plant operators and training of shift staff.
- Safe start-up and shutdown of plant, load changing, directing personnel to immediately remedy faults, maintain shift log.

- Issue equipment clearances and work permits.
- Develop and implement plant operating procedures.
- Verify the satisfactory operation of equipment using logs, charts, meters, control and visual inspections.
- Assist in on-the-job training of other shift members.
- Perform trouble shot problems discovering during the shift.

Dates : From Jul. 2002 till Aug. 2004

Employer : EDEPC

Project : Ayoun Moussa Steam Turbine Power Plant 2x320MW:
Plant consists of 2x320MW oil/gas fuel turbine-generator units, Siemens design steam turbines, Babcock designed natural circulation forced draft Boilers.

Job title : Unit Operation Engineer

Job Description :

- Safe and efficient operation and monitoring of the plant equipments like fuel systems, boilers systems, turbines systems, generators systems, and electrical systems.
- Change loading of turbines/generators as required from the Board or through DCS.
- Read meters and record data at specified intervals in appropriate logs and computers.
- Team with the work of other operation employees on shift to insure successful start-up, operation and shutdown of unit.
- Assist in ON-JOB training of other employees.
- Issuing PERMIT TO WORK in my unit.

Field of experience :

- A substantially experienced STG, GT, CCGT, DESALINATION PLANTS O&M.
- Extensive experience covering the pre-commissioning, commissioning, start-up and safe ongoing operation from green field state to handover.
- Writing commissioning and operation procedures, testing and complete relative documentation.
- Senior Authorized Person for PERMITS TO WORK (SAP) and safety clearance certification.
- Observe all HSE Safety standards and provide continued quality work.
- Reliability and performance test assistance, checking, approving.
- Key Skills:
 - Over 16 years proven hands-on extensive experience in power, utility associated plant commissioning, operation, control room and site office.
 - Highly proficient ON-JOB training and supervision of client workforce.