

100367-MEC-18CMOS-E-2005
Project Engineer & Operation Team Leader

Holds a B. Sc. in Mechanical Engineering and a Higher Diploma in Power Stations. Has over 17 years experience working in operation of Power Plants & Water treatment and distillation projects.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 10/06/1980
Gender : Male
Marital Status : Married
Residence : Currently Kuwait

EDUCATION

: B. Sc. in Mechanical Engineering, Mansoura University, 2005
: Higher Diploma in Power Stations, Mansoura University, 2008

LANGUAGES

Arabic : Native Language
English : Good
French : Fair

COMPUTER SKILLS

: Windows, MS Office, Internet
: Adobe Acrobat Professional
: AutoCAD 2D
: INFOR.EAM and SAP program for maintenance and operation (Energy and plants services)

TRAINING COURSES AND CERTIFICATIONS

: General Electric Company in Kuwait: 250MW Gas turbine – Generator operations program.
: Gas turbine generator operation program GE unit frame 7EA controlled by (Mark VI) MS 6001.
: EHS & Safety training.
: Gas turbine maintenance.
: Operating of combined cycle power plant.
: Firefighting course.
: Chemical treatment of water.

: ICDL certified.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jun. 2019 till now
- Employer** : TNB REMACO and Kharafi National JV
- Project** : Kuwait SHUAIBA North Co-generation CCGT and Distillation Power Plant Project 900MW, Kuwait
- Job title** : Project Engineer & Operation Team Leader
- Job Description** :
- Make trouble shooting and defects analysis and all alarms management.
 - Follow all maintenance activities for all plant equipment with maintenance team.
 - Review and issued all work permit, limited to work certificate and all LOTO office activities.
 - Ensure the completion of shift round checklists, routine work (daily/weekly/monthly) test as per recommendation manual, checklists and equipment change-over check lists.
 - Troubleshooting for all defects in all plant equipment and all alarms management.
 - Coordinate operations activities with, maintenance, safety and EHS department.
 - Continuously improve systems and procedures based on experience Train, direct and supervise.
 - Understand all Plant Safety Guidelines and Procedures. Strive to maintain an injury-free environment.
 - Identify problems with plant equipment and clearly communicates the condition associated with these problems to the Plant Maintenance Team.
 - Follow all maintenance activities for all plant equipment with maintenance team.
 - Review and issued all work permit, limited to work certificate and all LOTO office activities.
 - Ensure the completion of shift round checklists, routine work (daily/weekly/monthly) test as per recommendation manual, checklists and equipment change-over check lists.
 - Coordinate operations activities with maintenance, safety and EHS department.
 - Understand all Plant Safety Guidelines and Procedures. Strives to maintain an injury-free environment.
 - Identify problems with plant equipment and clearly communicates the condition associated with these problems to the Plant Maintenance Team.
 - Provide coverage for Operations Manager while working in rotation duty cycles.
 - Operation in Black Start.
 - Perform high/medium voltage (275/11KV) switching operations.
- Dates** : From 2014 till 2019
- Employer** : Ministry of Electricity and Water Training Center at Kuwait MEW

- Job title** : Training & Technical Support Engineer
- Job Description** :
 - Preparing and delivering training programs and Delivering courses. Gas turbines, HRSG and gas compressors. Air compressors fundamentals and operation courses.
 - Technical support with head of operation to do daily and monthly report with Ministry of Electricity and Water in Kuwait to calculate plant efficiency & total production and natural gas and gas oil solar consumption.
- Dates** : From 2011 till 2013
- Employer** : Kharafi National & Kuwait Oil & Gas Company
- Project** : Gas and Booster Station BS-171, Mina Al-Ahmadi Refinery
- Job Description** :
 - Operate the plant equipment's using radio network (clearly and concisely communication).
 - Follow up standard authorized procedures & checklist for starting up & shutting down equipments.
 - Monitoring & maintaining the process parameters of continuous running for static & rotating equipments as per procedures.
 - Preparation equipments Isolation for maintenance works according to procedures and ensure proper implementation of PTW instructions with adequate safety measures & following lock-out/tag-out procedure.
 - Continuous monitoring of ongoing maintenance activities in the area including Co-operating with maintenance team to reduce down time.
 - Ensure good housekeeping of the plant.
 - Perform necessary works as per DCS operator instructions in operating controlling.
 - Collaborate with other operators to solve unit's problems.
 - Control equipment to regulate flow and pressure of gas to feed lines of furnaces, and related steam-generating or heating equipment.
 - Control fractioning columns, compressors, purifying towers, heat exchangers, and expanders, gas turbines, steam turbines and related equipment in order to extract LNG from feed gas.
 - Monitor transportation and storage of flammable and other potentially dangerous products to ensure that safety guidelines are followed.
 - Involved in the Qatarisztion program by giving the OJT training for the national trainees. (ensuring classroom and field trainings).
 - I work as senior process operator.
- Dates** : From 2010 till 2011
- Employer** : IBERDROLA
- Project** : Renewable Energy at New Solar Energy Thermal Power Station at EL-KUREIMAT Hydro Power Station (GE unit frame 7EA Controlled by (mark VI) MS 6001) (Steam turbine Siemens) (HRSG NEM)
- Job Description** :
 - Responsible for commissioning and overseeing the installation of various equipment, plants and systems on site. Ensure products are working according to the specifications and meet the clients need.
 - Ensure the completion of shift round checklists, routine work (daily/weekly/monthly) test as per recommendation manual, checklists and equipment change-over check lists.
 - Also offer advice on or improve upon operational procedures. They will

also investigate, diagnose and repair faults as well as creating and conducting test procedures.

Dates : From Dec. 2007 till 2010
Employer : Seraco Company & Bemco Company of aswage and treatment Plants for ministry of national guard in the eastern province, KSA
Job title : Maintenance & Construction Engineer
Job Description :

- Carry out installation, maintenance and repairs of wastewater Treatment plants equipment's to include electromechanical Connections and pipe lines with competence scope.
- Capable of building and maintaining good relationships appropriate communication with internal and external stakeholders.
- Complete field documentation and reports and ensure that they are circulated to the relevant stakeholders within a timely manner.
- Perform necessary works as per DCS operator instructions in operation controlling.
- Coordinate operations activities with maintenance, safety and EHS department.

Dates : From Dec. 2005 till Dec. 2007
Employer : Middle Delta Electricity Production Company
Project : TALKHA Power Station (GE units controlled by MS5001, 300MW)
Job title : Operation Engineer
Job Description :

- Assist the implementation of Log-Out/Tag out (LOTO) System in accordance with the Contractor's policies and procedures with the assistance of the Customer.
- Co-ordinate with GE O&M Centre of Excellence (MIDDLE EAST) team, GE Engineering of complex issues relevant to operations.
- Support optimization of plant operating strategies with the aim of achieving lower cost operation and/or increased efficiency and output.
- Prepare operations activities reports as per requirements of the contract.

Field of experience :

- Project Engineer & Operation Team Leader.
- Operation & Commissioning Engineer.
- Training & Technical Support Engineer.
- Distillation process units MSF & waste water and treatment plants Maintenance & Construction Engineer.
- Power Plants Combined Cycle.
- Gas Turbine GE Commissioning Team Leader.
- Steam turbine Toshiba.
- HRSG Hyundai.