

Holds a B. Sc. in Mechanical Power Engineering and has about 10 years hands-on experience working in operation, commissioning and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 25/10/1987
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2009

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Operation and Maintenance Standby Diesel Generating Set (MTU).
- : Operation of Siemens Gas Turbine V94.3A with control system T-3000.
- : Operation of Heat Recovery Steam Generator and Auxiliaries, CMI/Skoda Praha:
 - Overview process control system Ovation OV010.
 - Heat recovery steam generator (HRSG) in CMI Company including:
 - HRSG water survey and HRSG conservation.
 - HRSG heating release.
 - HRSG alarms and HRSG tripe.
 - HRSG start-up and shutdown.
 - HRSG logics.
- : Operation of steam turbine, Hitachi:
 - Overview process control system MARK VI.
 - Process start-up, operation and shut down.
 - Overview Steam Turbine and its Auxiliaries.
 - Mechanical, Electrical Equipment operation and troubleshooting.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Dec. 2017 till now
- Employer** : SHANAHAN ENGINEERING LIMITED (Commissioning Subcontractor)
- Project** : Project PP13, Riyadh
Project consists of two (2) 3 x 1 combined cycle power plant blocks located near Riyadh, Saudi Arabia. Each power block consists of three (3) GE 7001FA.05 Gas Turbine Generators (GTG), three (3) Heat Recovery Steam Generators (HRSGs), and one (1) GE D11 Steam Turbine Generator (STG).
- Job title** : Mechanical Commissioning Engineer
- Job Description** :
- Identification of systems limits and updating of limits in line with latest Revision of P&ID's / SLD's in conjunction with completions personnel.
 - Supervise and support Commissioning Technicians in the execution of their daily activities.
 - Own succeed complete commissioning for firefighting system (2 diesel fire pumps, 2 electrical pumps, 1 jockey pump, 5km pipeline).
 - Status reporting of commissioning progress as required by the project.
 - Identification & sourcing of Commissioning tools / spares /consumables.
 - Follow up safe start-up for equipment and for people.
 - Follow up (LOTO) isolation procedure for equipment maintenance.
 - Follow up (LOTO) Safety Tags for equipment maintenance.
 - Carry out (LOTO) isolation procedure for equipment maintenance.
 - Carry out (LOTO) Safety Tags for equipment maintenance.
- Dates** : From Sep. 2010 till Dec. 2017
- Project** : El-Kureimat II Combined Cycle Power Plant (750MW):
- Two Gas turbines (Siemens v94.3A) 2x250MW.
 - Two Heat Recovery Steam Generators designed by Skoda Praha and CMI Companies.
 - One Steam turbine of 250MW designed by Hitachi and controlled by Mark VI control system of General Electric.
- Job Description** :
- Senior Shift Engineer (from Jan. 2015 till Dec. 2015).
 - Operation Engineer for steam turbine (from Jan. 2014 till Jan. 2015):
 - Controlling the operation of 250MW steam turbine and its equipments in a safe and efficient manner during the assigned shift start-up & shutdown STG and its auxiliaries systems using process control system MARK VI.
 - Dealing with normal & emergency operation conditions.
 - Commissioning, Start-up & Operation Engineer for HRSG (from Jun. 2012 till Jan. 2014):
 - Commissioning Engineer to run the commissioning program for HRSG (chemical cleaning, steam blowing, conservation) and its auxiliaries commissioning such as (pumps, valves, ...etc.).
 - Operation Engineer for HRSG (HRSG pre-start condition, heat release, start-up & safe shutdown and keep it in bypass operation or normal operation conditions).
 - Operation Engineer for gas turbine (from Sep. 2010 till Jun. 2012): Controlling the operation of 250MW gas turbine and its equipments in a safe and efficient manner using process control system Teleperm XP/OM650, also observe the operation of lube oil, hydraulic oil,

Pneumatic compressor, service and instrument air compressor, closed and open cooling and all gas turbine auxiliary.

- Dates** : From Aug. 2009 till Sep. 2010
- Employer** : Bamag Egypt Company for water treatment plants
- Project** : East Cairo Water Treatment Plant (capacity 1,000,000 m3/day)
- Job title** : Commissioning & Start-up Engineer
- Job Description** :
- Status reporting of commissioning progress as required by the project.
 - Identification & sourcing of Commissioning tools / spares /consumable.
 - Follow up safe start-up for equipment and for people.
 - Follow up (LOTO) isolation procedure for equipment maintenance.
 - Follow up (LOTO) Safety Tags for equipment maintenance.
 - Check Safety Procedures and Plant reliability.
 - Maintain the optimum performance.
 - Maintain safe start-up for auxiliaries' equipment's.
 - Carry out (LOTO) isolation procedure for equipment maintenance.
 - Carry out (LOTO) Safety Tags for equipment maintenance.