

Holds a B. Sc. in Industrial Electronic & Control Engineering and has about 18 years hands-on experience working in operation, maintenance and start-up of steam and gas turbines.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/01/1982
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Industrial Electronic & Control Engineering, Menoufia University, 2004

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Training about PERMIT TO WORK SYSTEM (PTW) and LOCK-OUT TAG-OUT (LOTO) PROCEDURE in BEMCO Training Center.
- : On-shore training on operation of Gas Turbine (Siemens V94.3A) included: overview GT-PACKAGES, KKS SYSTEM, start-up, operation and shutdown procedure.
- : Off-shore training for Alstom Steam Turbine operation in Alstom factory in Germany for one month included: overview process control system, Process operation with operating terminals, Process monitoring, fault analysis, alarm sequence display, Process information with curve and bar displays, operating point and logs, Controller function overview, Process start-up, operation and shut-down (Jan./Feb. 2010).
- : On-shore training for operation of steam turbine for one month by Hitachi Company included: overview Steam Turbine and its Auxiliaries, Start-up, loading and shutdown procedure, Mechanical, Electrical Equipment operation and troubleshooting (Nov./Dec. 2008).
- : On-shore DCS training (OVATION CONTROL SYSTEM by EMERSON Co.) (Sep. 2008).

- : On-shore training on operation of Heat Recovery Steam Generator and Auxiliaries by CMI & SKODA Company for one month included: overview process control system Ovation, Start-up, loading and shutdown procedure (Jun./Jul. 2008).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Aug. 2020 till now
Employer : Arabian Bemco Contracting Company
Project : King Abdul-Aziz International Airport Development Project (Phase 1) - Jeddah, KSA
Job title : Lead Start-up Engineer

Dates : From Sep. 2015 till Aug. 2020
Employer : Arabian Bemco Contracting Company
Project : Riyadh Combined Cycle Power Plant #PP10 (3500MW) 40x65MW 7EA-GE Gas Turbines, 10x128MW GE Steam Turbines, 40 NEM HRSG's
Job title : Lead Start-up & Operation Engineer
Job Description :

- Responsible for leading Operation activities of One Complete block (A1).
- Responsible for leading a team of Control Room Operators and Local Operators for Operation activities.
- Responsible for coordinating with commissioning team for revision of DCS logic interfaces with respect to reliable operation.
- Responsible to coordinate & arrange with Commissioning Team to complete the Test of Completion tests & Load Rejection test & support the commissioning activities.
- Participate in inspections to ascertain the general status of the plant.
- Power Block PTW Engineer.

Dates : From May 2014 till Sep. 2015
Employer : Arabian Bemco Contracting Company
Project : GURAYAT OPEN CYCLE POWER PLANT PROJECT, KSA
Job title : Warranty Engineer for GE Turbine frame 7E/EA
Job Description :

- Ensure the plant reliable and efficient operation.
- Managed and tracked all warranty claims.
- Diagnosed and resolved plant systems operating problems.
- Provided technical support for the customer to ensure the plant reliable and efficient operation.

Dates : From Aug. 2013 till May 2014
Employer : Arabian Bemco Contracting Company
Project : EXTENSION OF GURAYAT OPEN CYCLE POWER PLANT PROJECT, KSA (consists of 2x70MW gas turbines GE frame 7E/EA Mark VIe)
Job titles : O&M Engineer / PTW Engineer
Job Description : Hold the responsibility for diagnosing, troubleshooting and solving all technical problems related to Gas Turbine.

Dates : From Dec. 2012 till Aug. 2013
Employer : Arabian Bemco Contracting Company
Project : QURAYYAH Power Plant Project "C" – KSA
(consists of 15 HRSG Vertical type (exhaust flow gases from 15 gas turbines GE frame 7FE and control system is Mark VIe) + 5 steam turbines + Demin & Remin water plant + Hypocolorinatin plant ...etc.)
Job title : Operation & Maintenance Engineer

Dates : From May 2009 till Dec. 2012
Employer : Upper Egypt Electricity Production Company
Project : El-Kureimat II Power Plant 750MW Combined Cycle
(2 SIEMENS GAS TURBINES + 2 HRSG ...CMI + 1 STG)
Job title : Control Room Engineer for Hitachi steam turbine with Mark VI operating system
Job Description :

- Responsibility for diagnosing, troubleshooting and solving all technical problems related to steam turbine and make alarm tracing through the control system Mark VI software documentation.
- Responsibility for diagnosing, troubleshooting and solving all technical problems related to HRSG through OVATION CONTROL SYSTEM BY EMERSON COMPANY.
- Supervised reliability run test for steam turbine with Hitachi Company.
- Joined in commissioning activities for Hitachi steam turbine and HRSG with CMI Company.

Dates : From Feb. 2007 till May 2009
Employer : Upper Egypt Electricity Production Company
Project : El-Kureimat II Power Plant 750MW Combined Cycle
Job title : Control Room Engineer for SIEMENS gas turbine (V94.3A)
Job Description :

- Assisted in the Operation and Maintenance activities of (2x250MW) Siemens GTG Frame V94.3A.
- Start-up, loading and shutdown procedure, Mechanical, Electrical Equipment operation and trouble shooting.

Dates : From Aug. 2005 till Feb. 2007
Employer : TECHNOGYM COMPANY
Job title : Maintenance Engineer for electronic sportive devices

Dates : From Jul. 2004 till Apr. 2005
Job title : Maintenance Engineer for embroidery machines