

Holds a B. Sc. in Mechanical Power Engineering and a Post graduate studies Diploma in Power Generation. Has about 17 years hands-on experience working in operation, commissioning and start-up at several Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 02/01/1977
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

- : B. Sc. in Mechanical Power Engineering, Menoufia University, 2002
- : Post graduate studies Diploma in Power Generation, Tanta University, 2015

LANGUAGES

Arabic : Native Language
English : Good
French : Fair

COMPUTER SKILLS

- : Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Last 2 years training courses: PMP, Effective Communications, process analysis, Leadership and Motivation, Effective Leadership, RCA, Effective Team Building, Change Management, strategic planning, activation training for trainers, power point, presentation skills, vibration analysis, Diesel Generator operation and maintenance.
- : Operation training of steam turbine, Mitsubishi Heavy Industry, Nubaria.
- : Basic operation and maintenance training of combined power plant (gas, steam turbine), Siemens Power Generation, Damanhour (from Sep. till Dec. 2004).
- : Fire fighting training, INITEC-CHEMTROL under the direction of INITEC Energia Spain, Nubaria (Jun. 2006).
- : Maintenance & Operating of DCS controlling system, ALSTOM Heavy Industries, Paris – France (Jan./Feb. 2006).
- : Operation and maintenance training of gas turbine, Siemens Power Generation Co., Nubaria Site (Aug. 2005).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Nov. 2012 till now
Project : Nubaria CCGT Power Station
(consist of 2 modules, each one has 2 Siemens gas turbines, 2 Alstom HRSG and 1 Mitsubishi Steam Turbine)
Job title : Lead Operation Engineer
Job Description :

- Responsible for all functions relating to facility operation.
- Direct plant operation staff to complete operations and tasks within environmental and regulatory compliance requirements, with a focus on safety, quality and achievement of the facility's goals availability and reliability.

Dates : From Sep. 2011 till Oct. 2012
From 2010 till Apr. 2011
Employer : Ministry of Electricity and Water in Kuwait (MEW)
(Manpower supply from Kharafi National)
Project : Sabiya CCGT 2000MW, Kuwait
(consists of 3 Modules, each one consists of 2 GE gas turbines, 2 HRSG Hyundai and 1 GE Steam Turbine)
Job title : Owner Commissioning & Start-up Engineer
Job Description :

- Attend site mechanical commissioning meeting.
- Attend testing and inspection activities related to mechanical plant equipments.
- Follow up mechanical test on completion of the plant.
- Monitor plant equipment and report mechanical defect or deviation if any from specified scope or proven engineering practice.
- Responsible to attend all turbines Tests (cold, warm, hot start, minimum stable load, emission test, acoustic test, load rejection, half condenser, etc., estimating efficiency of gas turbine in thermal performance test.
- Day to day follow the plant performance during Reliability period.
- Negotiating with the EPC Contractor on behalf of the owner to ensure root causes of system defects are understood and resolved to acceptable standards.

Dates : From Apr. 2011 till Sep. 2011
Employer : KHARAFI NATIONAL
Project : El-Shabab Power Station
Job title : Senior Operation, Commissioning & Start-up Engineer
Job Description :

- Responsible for all commissioning process for 8 GE gas turbine frame 9E.
- And Start-up & Operation Engineer during all turbine and generator tests.

Dates : From 2008 till 2010
Project : Nubaria Power Station (1500MW)
Job title : Shift Charge Operation Control Room Engineer

Job Description : Lead the engineers and technical groups to operate 4 Combustion Turbine Generators (Siemens), with 2 combined Steam Turbine Generators (Mitsubishi) and 2 HRSG boiler and all related equipments:

- Follow the dispatch load request.
- Perform periodical test.
- Shut down and start-up the unit.
- Operate the unit in disturbed situation.
- Collect and analyze periodical data.
- Follow and deal with alarms in control room.
- Perform necessary measures before equipment start-up.
- Follow operation specification.
- Analyze equipment efficiency.
- Check availability of stand by equipment.
- Lead in the shift personnel and equipments.
- For detected defect, issue an accurate and argued work request.
- Record and write all necessary information logbook.

Dates : From 2004 till 2008

Project : Nubaria Power Station (1500MW)

Job title : Gas Turbine & HRSG Commissioning & Operation Engineer

Job Description :

- From 2006 till 2008:
 - After taking a training in France in operation the HRSG (Jan. 2006) I was a leader of the team whom is concerned of making Steam blow out, Site Acceptance Engineer.
 - After that I worked as Operation Engineer: commissioning and first start-up of the HRSG boiler (HP/IP/LP drum 125/25/5 bar) and Steam Turbine and operate the combined cycle in reliability period and performance test, Operation Engineer of HRSG.
- From 2004 till 2006:
 - Gas Turbine Operation Engineer: Commissioning, start-up and operation for four Siemens V94.3A Gas turbines, responsibility as Gas Turbine Operator Shift Engineer.
 - Supervision to installing and construction steps to gas turbine.
 - Attending first fire to gas turbine with Siemens commissioning engineers.
 - Standing up as operator shift engineer during commission and generator protection tests.
 - Start-up and shut down the unit in safe mode.
 - Responsible to estimating efficiency of gas turbine during performance test.
 - Working as Operator Shift Engineer during reliability period.

Dates : From 2002 till 2004

Project : Damanhour Power Station

Job title : Operation Engineer

Job Description : Operation Engineer for small CCGT 158MW 4x4x1 (4 gas turbines, 4 NEM HRSG, 1 steam turbine).

- Field of experience :**
- Lead Operation Engineer: Plan, develop, coordinate, manage and direct Supervises of all operation work (Lead 4 Shift Charge Engineers) in Nubaria CCGT Power Station (from Nov. 2012 till now).
 - Lead Commissioning Engineer: follow-up the design, submittals, Site acceptance tests, Commissioning and Start-up Engineer for CCGT combined cycle Gas Turbine Power Project as consultant in Kuwait Ministry of Electricity and water (MEW).
 - Commissioning Senior Engineer and Start-up Engineer for 8 GE gas turbine frame 9E.
 - Commissioning, start-up and operation for four Siemens V94.3A Gas turbines.
 - Commissioning, Steam blow out, Start-up and Operation Engineer for HRSG boiler.
 - Senior (shift in charge) Operation Control Room Engineer in 1500MW combined cycle station.
 - Gas Turbine Operation Engineer.
 - DCS, HRSG & Steam Turbine Operation Engineer.
 - Doing training courses for technicians and engineers.