

Holds a B. Sc. in Mechanical Engineering and has over 28 years experience, including 25 years working in operation, commissioning and start-up at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 22/11/1969
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Mechanical Engineering, Alexandria University, 1994

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Work clearance application (SAP system).
- : Gas turbine operation, GT aux., GT control systems, GT troubleshooting, Compressor performance & maintenance philosophy by Mitsubishi Heavy Industries in Takasago Machinery Works Japan (3 weeks).
- : Generator operation & maintenance by Mitsubishi Electric Corporation Energy Systems Center in Japan (1 week).
- : Boiler operation in Sidi Krir Power Station by Babcock & Wilcox (5 weeks).
- : Turbine operation in Sidi Krir Power Station by Siemens AG (3 weeks).
- : Auxiliaries operation and troubleshooting e.g. feed water pumps, both turbine and electrical (drum level control), circulate water pumps (sea pumps), condensate pumps, service pumps, closed cycle cooling water system and air compressors, ...etc. by Cimimontubi (3 weeks).
- : Desalination plant (M.S.F.) operation by Hitachi Babcock (2 weeks).
- : Power station operation course in Abu Qir Training Center (12 weeks).
- : Gas turbine operation in Abu Qir Training Center (2 weeks).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Nov. 2022 till now
Project : Qurrayah #1 Steam Power Plant 2500MW
Job title : O.M.C.
Job Description :

- Follow up units Performance and heat rate.
- Overhaul schedule preparation.
- Coordinate between maintenance sections and operation.
- Prepare monthly invoice.
- Shift items and shift schedule follow up.
- Make studies for new projects at different systems modifications.

Dates : From Jan. 2020 till Oct. 2022
Project : Sidi Krir 750MW CCGT
Job title : Lead Operation Engineer
Job Description :

- Follow up units Performance and heat rate.
- Overhaul schedule preparation.
- Make studies for new projects at different systems modifications.

Dates : From May 2016 till Jan. 2020
Project : RABIGH POWER PLANT 4500MW
(MHI STEAM & ABB, GE FRAME 5 GAS TURBINES & COMBINED CYCLE)
Job title : Chief Operation
Job Description :

- Responsible for overhaul schedules and progress.
- Units performance before and after overhaul.
- Operation staff shift Rota and vacation schedules.
- Helping in operation staff evaluation.
- Preparing the training programs for staff development.
- Make studies for new projects at different systems modifications.

Dates : From Dec. 2011 till May 2016
Project : RABIGH POWER PLANT 4500MW
(MHI STEAM & ABB, GE FRAME 5 GAS TURBINES & COMBINED CYCLE)
Job title : Senior Shift Charge Engineer
Job Description :

- S/up- S/D - load follow up - troubleshooting.
- Help to maintain the stability of national grid.
- Isolate the different systems for maintenance work.
- Coordinate with other maintenance sections to keep the power flow.
- Help in modifying systems.
- Arrange shift activity according to availability of units.
- Make pre-shutdown test and heat rate before and after outages.

Dates : From Oct. 2008 till Nov. 2011
Project : Sidi Krir 750MW Combined Cycle
Job title : Shift Charge Engineer

Job Description :

- Supervise the erecting works with 2250MW Gas Turbine Contractor.
- Help in modifying the interface systems with Sidi Krir 1 & 2 like Service water sys., demi water, etc.
- Safe start-up and shutdown for the units 2x250MW gas turbine.
- Make maneuver with dispatch center 500KV.
- Responsible for reliability and performance test for 2x250MW gas turbine units.

Dates : From Dec. 2007 till Sep. 2008

Employer : Egyptian Elec. Auth.

Project : Sidi Krir Power Station

Job title : Shift Charge Engineer

Job Description :

- Make maneuver with dispatch center 220KV.
- Isolate the different systems for maintenance work.
- Safe start-up and shutdown for the units.

Dates : From Aug. 2007 till Nov. 2007

Employer : Alstom Power

Project : Shoaiba Power Station stage 1 - 5x400MW - KSA

Job title : Boiler Commissioning Engineer

Job Description :

- Safe start-up and shutdown for the Boiler.
- Isolate the different systems for maintenance work.
- Checking all problems which affect air heater operation.

Dates : From Jul. 2001 till Jul. 2007

Employer : Egyptian Elec. Auth.

Project : Sidi Krir Power Station

Job title : Shift Charge Engineer

Job Description :

- Safe start-up and shutdown for the units.
- Make maneuver with dispatch center 220KV.
- Isolate the different systems for maintenance work.
- Responsible for reliability and performance test for units 1 & 2.
- Responsible for reliability and performance test for desalination plant units 1 & 2.
- Responsible for performance test and safe operation for hydrogen plant.

Dates : From Jan. 2000 till Jun. 2001

Employer : SIEMENS AG

Project : Sidi Krir Power Station

Job title : Turbine Commissioning & Start-up Engineer

Job Description :

- First start and flushing for the lines for the systems e.g. Lube Oil, control oil, seal oil, etc.
- Start-up the turbine from the different cases cold, warm & hot condition.
- Safe shutdown for the turbine and cooling if required.
- Ensure the turbine at the tests e.g. runback house load.

Dates : From Nov. 1998 till Jan. 2000
Employer : Egyptian Elec. Auth.
Project : Sidi Krir Power Station
Job title : DCS Unit Operation Engineer
Job Description :

- Boiler operation processes e.g. boiler start-up and normal operation air control, fuel control, soot blowing, both natural gas and oil (Mazout) firing.
- Turbine operation processes e.g. turbine start-up and normal operation, vacuum preparations, seal steam system, seal oil system, lube oil, control oil, ...etc.
- Electrical responsibilities in the shift such as central dispatch 220KV maneuvers, electrical insulation for equipment's in maintenance.
- Unit auxiliary's operation processes including: feed water pumps, both turbine and electrical (drum level control); circulate water pumps (sea pumps), condensate pumps, service pumps, closed cycle cooling water system and air compressors, ...etc.
- Desalination plant operator multi flash chamber (2 x 5000 ton/day).

Dates : From Oct. 1997 till Oct. 1998
Employer : Egyptian Elec. Auth.
Project : Abu Qir Power Station
Job title : Local Operator Engineer
Job Description :

- Prepare the different system for operation.
- Check the equipment's in operation.

Dates : From Jan. 1995 till Jun. 1997
Employer : Egyptian Air Forces (planes barriers dept.)
Job title : Maintenance Engineer
Job Description :

- Maintenance for hydraulic circuits for the system.
- Maintenance for benzene engine for the system.