

Holds B. Sc. in Mechanical Engineering, a Diploma in Electrical Engineering (Machines and Drives) and M. Sc. in Electrical Power Engineering. Has over 21 years hands-on experience, including 20 years working in operation, commissioning and start-up at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 26/05/1966
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

- : B. Sc. in Mechanical Engineering, Alexandria University, 1994
- : Diploma in Electrical Engineering (Machines and Drives), Alexandria University, 2008
- : M. Sc. in Electrical Power Engineering, Alexandria University, 2014

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

- : Windows, MS Office (Word, Excel, Power Point), Internet
- : Matlab

TRAINING COURSES AND CERTIFICATIONS

- : Training Gas insulated high voltage switchgear by Siemens Information Center / Training Center in Berlin - Germany (2 weeks).
- : Operation of Thermal Power Station (Advanced level & troubleshooting), 2 weeks, Abu Qir Training Center.
- : Desalination plant operation (3 weeks), Babcock Hitachi.
- : Steam Turbine, Generator & Condenser, 4 weeks, Ansaldo Energia in Genova - Italy.
- : HRSG Operation & HRSG Controls & HRSG Water chemistry by NEM Company in Sidi Krir Power Station (4 weeks).
- : Compressed air system & service gas system & fire protection system by TOSHIBA in Sidi Krir Power Station (2 weeks).
- : English courses (4 levels, 6 months), Abu Qir Training Center.

- : 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).
- : Power Station operation course in Abu Qir Training Center (12 weeks).
- : Gas turbine operation course in Abu Qir Training Center (2 weeks).
- : Computer course in Windows, Word, Excel, Power Point and Internet by the Cabinet-Information and Decision Support Center (IDSC), Information Technology Institute (ITI).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Oct. 2009 till now
- Employer** : WDEPC
- Project** : Sidi Krir Power Station 750MW Combined Cycle Project (500MW gas turbine & 250MW steam turbine)
- Job title** : Shift Charge Engineer, then Director of Operation
- Job Description** :
- Supervise the erection works with Gas Turbine Contractor.
 - Help in modifying the interface systems with Sidi Krir 1 & 2 (steam cycle) like Service water sys., demi water, hydrogen, etc.
 - First Start and Flushing for the lines for oil systems e.g. Closed Cooling Systems, Lube oil systems, Seal oil systems, Vacuum systems, control oil systems, service air systems, Instrument air, ...etc.
 - Start-up the Auxiliary systems of MHI Gas Turbine Generator units (Pulse Air System, Purge air system, Seal air system, Gas Compressor system, Turbine Cooling Air Cooler system, Seal oil system, Lube oil system & Control oil, etc).
 - Safe start-up and shutdown for the gas turbines units.
 - Safe start-up and shutdown for the steam turbine unit.
 - Responsible for reliability and performance test for the units.
 - Make maneuver with dispatch center 500KV to connect or disconnect the main transformer for run the units.

- Dates** : From May 2001 till Oct. 2009
- Project** : Sidi Krir Power Station Plant (2x320MW)
- Job title** : Shift Charge Engineer
- Job Description** :
- Responsible for reliability and performance test for the units.
 - Isolate the different systems for the maintenance work.
 - Safe start-up and shutdown the Auxiliary systems.
 - Safe start-up and shutdown the units.
 - Boiler commissioning and start-up.
 - Safe start-up and shutdown the boilers.
 - Make maneuver with dispatch center 220KV.
 - Responsible for reliability and performance test for the desalination plant units multi-stage each of unit 5000 T/D.
 - Responsible for performance test and safe operation for the hydrogen plant unit.

Dates : From Dec. 2007 till Mar. 2008
Employer : DAEWOO E&C Co. LTD
Project : Benghazi North Combined Cycle Power Plant – LIBYA
Job title : Operator Engineer
Job Description : Commissioning & start-up for Aux. Boiler & Desalination System.

Dates : From Oct. 1998 till May 2001
Employer : Egyptian Elec. Auth.
Project : Sidi Krir Power Station
Job title : DCS Units Operation Engineer
Job Description :

- First Start and Flushing for the lines for Lube oil systems, Control oil Systems, Seal oil systems, Vacuum systems, closed cooling.
- Turbine Commissioning & Start-up Engineer.
- Safe start-up and shutdown the Auxiliary systems.
- Safe start-up the turbine from the different cases (cold - warm - hot).
- Boiler commissioning and start-up.
- Safe start-up and shutdown the boilers.
- Make maneuver with dispatch center 220KV.
- Insure the turbine at the tests (Run back – house load).
- Responsible for reliability and performance test for the desalination plant unit's multi-stage each of unit 5000 T/D.
- Responsible for performance test and safe operation for the hydrogen plant unit.
- Boiler operation processes e.g. boiler start-up and normal operation (air control - fuel control - soot blowing - firing the boiler with both natural gas and heavy oil (mazout)).
- Electrical responsibilities in the shift such as central dispatch 220KV.
- Maneuvers, electrical insulation for the any equipments to make any Maintenance.

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

- Prepare and check for all equipments in the site.
- Make Flushing for the lines for Lube oil systems, Control oil Systems, Seal oil systems, Vacuum systems, closed cooling.
- Prepare the different Systems for start- up units from the local.
- Check for all equipments when the units in operation.

Dates : From Jun. 1996 till Oct. 1997
Employer : EL-NASSER Casting Co., Alexandria branch
Job title : Maintenance Engineer
Job Description : Responsible for maintenance and keep in operation for the product line (valves – pipes).