

Holds a B. Sc. in Electrical Engineering and has about 16 years hands-on experience in power generation field (thermal power plants & combined cycle power plants), working in operation, commissioning and start-up of Siemens gas turbine (V94.3A), SKODA & CMI Heat Recovery Steam Generator (HRSG) and Hitachi steam turbine.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 06/02/1977
Gender : Male
Marital Status : Married
Residence : Beni Suef

EDUCATION

: B. Sc. in Electrical Engineering (Control Section), Suez Canal University, 2001

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, etc.), Internet

TRAINING COURSES AND CERTIFICATIONS

- : Off-shore trainings:
- Operation of Gas Turbine (Siemens V94.3, 250MW), Siemens – GERMANY (Jun./Jul. 2006).
 - Operation of Steam Turbine, Generator & Auxiliaries, Hitachi Ltd. – JAPAN (Jan./Feb. 2008).
- : On-shore trainings:
- Operation of BOILER (Babcock - WILCOX) of El-Kureimat I.
 - Operation of Steam Turbine 2x627MW (GE) of El-Kureimat I.
 - Operation of SIEMENS Gas Turbine V94.3A of El-Kureimat II.
 - Operation of Steam Turbine 250MW (Hitachi) of El-Kureimat II.
 - Operation of HRSG by CMI & SKODA of El-Kureimat II.
 - Operation of DCS control system by Emerson.
 - PLC control system by Network Training Center.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Nov. 2018 till Feb. 2019
Employer : Dosan Skoda Power
Project : Grati Combined Cycle Power Plant Block III 450MW in Indonesia
Job title : Operation / Commissioning Engineer

Dates : From May 2014 till Sep. 2018
Employer : RAWEC - Rabigh Arabian Water & Electricity Company
Rabigh Arabian Water & Electricity Company (RAWEC) is large cogeneration power plant provide steam, multi types of water and power to operate the Rabigh IWSP petrochemical complex. The project is the utilities provider (power, water and steam) within the Rabigh Complex "PETRORABIGH", the integrated refinery and petrochemical complex being developed by the joint venture of Saudi Aramco and Sumitomo Chemical of Japan.
Job title : Shift Supervisor for Co-Generation Power Plant
Job Description :

- MHI Boilers is of water tube, natural circulation, bottom supported and outdoor type designed for fuel oil firing (12 corner type burners arranged in three elevation), with steam flow around 480t/h.
- MHI steam turbine is single case, single flow, extraction type.
- MHI Generator is static excitation, with air cooling type and 135MVA capacity.

Dates : From May 2012 till Apr. 2014
Employer : Marafiq (Power and Water Utility Company for Jubail and Yanbu)
Job title : Shift Supervisor for Thermal Power Plant (4x120MW)
Job Description :

- Supervise, control and co-ordinate all plant operations activities to ensure timely and effective plant production in accordance with established schedules, quality, cost and time objectives, also responsible for safe start-up/shutdown of the units as per the Standard Operating Procedures.
- MHI Boilers is of water tube, forced circulation, bottom supported and outdoor type designed for dual fuel firing (12 corner type burners arranged in three elevation), with steam flow around 500t/h.
- MHI steam turbine is double case, double flow, extraction type.
- MHI Generator is Brushless excitation, with hydrogen cooling type and 140MVA capacity.

Dates : From Jan. 2010 till Apr. 2012
Employer : Upper Egypt Electricity Production Company
Project : El-Kureimat II Combined Cycle Power Plant (3x250MW)
Job title : Shift Supervisor Engineer
Job Description :

- Supervise, control and co-ordinate all plant operations activities to ensure timely and effective plant production in accordance with established schedules, quality, cost and time objectives.
- Responsible for safe start-up/shutdown of the plant as per the Standard Operating Procedures.

- Start-up El-Kureimat II 750MW Combined Cycle Power Plant (Gas turbine, HRSG, Steam turbine), keep all equipment in normal operation condition, auxiliaries changeover, test, isolation and observe the power plant in all operation conditions.

Dates : From Aug. 2008 till Dec. 2009
Employer : Upper Egypt Electricity Production Company
Project : El-Kureimat Power Plant
Job title : Hitachi Steam Turbine (250MW) Commissioning, Start-up & Operation Engineer
Job Description : Commissioning Engineer for steam turbine equipment (valves, pumps, motors, etc.), execute I&C tests (transmitters calibration, continuity, Loop check, etc.), also supervise the generator and its auxiliaries tests, execute the steam turbine reliability and performance tests, make start-up & shutdown for steam turbine generator and keep all auxiliaries in a good operation condition.

Dates : From Aug. 2007 till Jul. 2008
Employer : Upper Egypt Electricity Production Company
Project : El-Kureimat Power Plant
Job title : HRSG Commissioning, Start-up & Operation Engineer
Job Description :

- HRSG Commissioning Engineer to run the commissioning program for HRSG (chemical cleaning, steam blowing, conservation, and auxiliaries commissioning, etc.).
- Operation Engineer for HRSG (HRSG start-up and shutdown and keep it in normal operation conditions).

Dates : From May 2003 till Jul. 2007
Employer : Upper Egypt Electricity Production Company
Project : El-Kureimat I Power Plant
Job title : SIEMENS Gas Turbine Commissioning, Start-up & Operation Engineer
Job Description : Supervise lube oil, hydraulic oil, Pneumatic compressor, service and instrument air compressor, closed and open cooling and all gas turbine auxiliary systems. Also supervise first gas turbine rolling, start-up & shutdown GT, SFC, SEE, AUX. systems, follow normal & emergency operation conditions.

Field of experience :

- Commissioning, Start-up and Operation Engineer for Siemens gas turbine (V94.3A).
- Commissioning, Start-up and Operation Engineer for SKODA & CMI Heat Recovery Steam Generator (HRSG).
- Commissioning, Start-up and Operation Engineer for Hitachi steam turbine.
- Shift Supervisor for El-Kureimat II Combined Cycle Power Plant (3x250 MW).
- Shift Supervisor for MARAFIQ Company (4 steam turbine power plant in KSA).
- Shift Supervisor at RAWEC Company in KSA, large co-generation power plant provide steam, multi types of water and power to operate

- the Rabigh IWSPP petrochemical complex.
- Operation Commissioning Engineer for Grati Combined Cycle Power Plant Block III 450MW in Indonesia.