

Holds a B. Sc. in Mechanical Power Engineering and has over 19 years hands-on experience in fossil fuel Power Station (Steam Turbines 2x627MW) from testing through start-up and operation.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 25/05/1975
Gender : Male
Marital Status : Married
Residence : Sharkia

EDUCATION

: B. Sc. in Mechanical Power Engineering, Zagazig University, 1998

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Basics and site specifics training courses for power plants equipment and systems theory and applications, Shoubra El-Kheima Power Plant (6 months).
- : Westinghouse: on-site DCS course.
- : Steam turbine design, Speedtronic Mark V, Generator Excitation, steam turbine operation and Mechanical Turbine Drive, GE General Electric Co. (U.S.A.), 10 weeks (from Sep. till Nov. 1999).
- : I.D.P. (Ingersol-Dresser pumps) on-shore Technical Training on centrifugal pumps, includes installation, operation and maintenance.
- : On-site training on operation of two caterpillar diesel generators 3516, Mantrac (Aug. 1999).
- : MS9001FA Gas Turbine Generator Main, Schenectady, NY, USA.
- : Main Generator Controls, Schenectady, NY, USA.
- : Mark VI Main, Schenectady, NY, USA.
- : MS9001FA Gas Turbine Operation, 6 weeks on-site course (May/Jun. 2008).

: 4 weeks on-site training by Fossil Consulting Service (FCS), El-Kureimat Thermal Power Plant.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2018 till Apr. 2018
Employer : [EGYPTROL](#), AC Boilers Subcontractor
Project : West Damietta Combined Cycle
Job title : Operation Team Leader

Dates : From May 2017 till Nov. 2017
Employer : [EGYPTROL](#), AC Boilers Subcontractor
Project : Suez Power Plant
Job title : Shift Charge Engineer

Dates : From Oct. 2010 till May 2017
Employer : Saudi Electricity Company
Project : Ghazlan Power Plant (4x430MW) Steam Turbine
Job title : Control Room Operator

Dates : From Jul. 2007 till Oct. 2010
Employer : Egyptian Electricity Authority (EEA)
Project : EL-KUREIMAT Power Plant (2x627MW) Steam Turbine
Job title : Shift Supervisor Engineer

Dates : From Aug. 2002 till Jul. 2006
Employer : Egyptian Operation and Maintenance Company (O&M)
Project : EL-KUREIMAT Power Plant
Job Description :

- Senior Engineer for 2x627MW units (from Jan. 2005 till Jul. 2006):
 - Review operation conditions for both units.
 - Shift Supervisor Engineer.
 - Perform isolation & safety tag out of the equipment.
 - Study problems and record Impac Navigator Program.
 - Perform power transfer.
 - Perform electric isolation of:
 - 6.3KV switchgear.
 - Power center.
 - Motor center control.
 - Train operators for proper care of equipment.
- Shift Engineer (Desk Operator) (from Aug. 2002 till Jan. 2005):
 - Following proceeding for system start-up.
 - Following proceeding for turbine cold and hot start-up.
 - Following proceeding for boiler cold and hot start-up.
 - Perform daily and weekly testing for system.
 - Following proceeding for unit load increasing and decreasing.
 - Monitor operation condition for the unit during normal operation.
 - Monitor turbine condition during normal operation through MARK V

- system.
- Monitor boiler condition during normal operation through DCS system.
- Following proceeding for unit (turbine, boiler and auxiliaries) shut down.
- Perform main turbine warm up.

- Dates** : From Dec. 1999 till Aug. 2002
- Employer** : Egyptian Electricity Authority (EEA)
- Project** : EL-KUREIMAT Thermal Power Plant (2x627MW) / EL-KUREIMAT Thermal Power Plant 750MW Combined Cycle: 2x260MW Gas Turbines MS9001FA Mark VI control, 260MW Steam Turbine
- Job title** : Shift Engineer (Desk Operator)
- Job Description** :
- Construction, commissioning, start-up & operation of two units, each unit consists of:
 - B&W ELPASO boiler forced Draft / Natural Circulation gas & oil fire.
 - GE turbine generator speedtronic Mark V control System, Fisher HP/LP Bypass system.
 - Westinghouse WDPF DCS.
 - Lurgi barge water treatment.
 - ABB SAE Sadelmi: Fire Fighting system, Pumps, Critical piping, oil transfer system, Re-boiler system, Mazout transfer system, Air Compressor, Pipes Exchangers, Valves, HVAC and Chillers.
 - Transformers: 23KV/500KV, 500KV/220KV, 23KV/6.3KV, 6.3KV/0.38KV).
 - Electric Generators: 811.200MVA-50Hz-stator cooling-Rotor hydrogen cooling.
 - Electric System: 6.3KV Switchgear, 380V Power Centers, 380V MCCs, UPS, Batteries, PDPS and Battery Chargers.
 - Diesel Generators: 2x1.28MW Caterpillar Diesel Generators.
 - Monitor proceeding for system flushes, steam blow out, Pneumatic and hydraulic.
 - Following the operation testing commissioning and start-up of the power plant operation the unit from start-up to normal operation.
 - Following proceeding for system start-up.
 - Following proceeding for turbine cold and hot start-up.
 - Following proceeding for boiler cold and hot start-up.
 - Perform daily and weekly testing for system.
 - Following proceeding for unit load increasing and decreasing.
 - Monitor operation condition for the unit during normal operation.
 - Monitor turbine condition during normal operation through MARK V system.
 - Monitor boiler condition during normal operation through DCS system.
 - Following proceeding for unit (turbine, boiler and auxiliaries) and shut down.
 - Train operators in proper care of equipment.