

Holds a B. Sc. in Mechanical Engineering and has about 29 years hands-on experience working in erection, construction, inspection, commissioning, start-up, operation and maintenance at several Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 17/09/1966
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Mechanical Engineering, Mansoura University, 1988

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : OSHA #500 construction industry Safety & Health (29 CFR 1929), 30 hours (Dec. 2009).
- : New Talkha Power Station 750MW Combined Cycle Project, Water & Wastewater Treatment (WTD SRL Head Office, Pomezia (RM), ITALY) (Nov. 2006).
- : Mechanical Maintenance Course (Siemens Power Generation, Muehlheim, Frankfurt and Erlangen, Germany) (Jan. 2006).
- : Advanced training on operation & maintenance on SULZER Gas Turbine (On-site training, Safaga Power Station) (Aug. 1995).

CHRONOLOGICAL EXPERIENCE RECORD

Employer : Saudi Electricity Company
Job title : Mechanical Instructor

Project : Banha Combined Cycle Power Plant
Job title : Head of CP-101
Job Description :

- Perform EPC contract CP-101 review with consultant.
- Perform review of CP-101 technical drawing.
- Confirm final negotiation with consultant (PGESCO) and contractor (GE - SEPCo consortium).
- Perform review of technical drawing and contractual spare parts supplied from the contractor.

Project : New Talkha Power Plant 750MW (Siemens STG5_4000F with max power o/p 265MW)
Job title : Head of Mech. Maintenance Dept.
Job Description :

- Preparing technical reports about periodic maintenance activities, preventive maintenance and overhauls.
- Responsible of Long Term Maintenance Contract (spare parts, manpower...etc.).
- Carry out root cause failure analysis and troubleshooting of equipment's & machines.
- Preparing and conducting training courses for new engineers and technician.

Employer : Power Generation Engineering & Service Co. (PGESCO)
Project : Sidi Krir Combined Cycle Power Plant (MHI M701F)
Job title : Mechanical Start-up Engineer
Job Description :

- Carry out preliminary checks on functional systems.
- Adequacy of as built systems with commissioning documentation.
- Direct component and system testing under close supervision.
- Coordinate assigned work with other technical personnel as directed.
- Provide input to and/or prepares maintenance or operating procedure.

Project : New Talkha Power Plant (750MW)
Job title : Mechanical Maintenance Engineer
Job Description :

- Responsible of erection, construction, inspection, commissioning and initial start-up of gas turbines and auxiliaries (Siemens 94.3A2 with max. power o/p 265MW).
- Follow up of punch list and warranty claim items of the plant.
- Follow up commissioning and initial start-up of Gas Turbines and auxiliaries (Siemens STG5_4000F with max power o/p 265MW).
- Preparing technical reports about erection, commissioning and start-up of unit step by step.
- Responsible of long term maintenance contract.
- Carry out root cause failure analysis and troubleshooting of equipments & machines.
- Planning for stock spare parts necessary for accidental and urgent repair.
- Doing maintenance activities such as:
 - Predictive maintenance where register weekly report including equipment's operation condition (vib, temp, pressure...etc.).
 - Follow up all equipment's during operation for abnormal behavior: sound, leakage...etc.

- Preventive maintenance including all periodic maintenance (every 3, 6... months) and overhauls for all equipments (turbines, pumps, valves...etc.).

Project : Talkha Combined Cycle Power Plant
Job title : Operation Engineer
Job Description : Led shift crew in the operation of the power station, the shift activities included:

- Starting & shutdown of units (GE Frame 5).
- Monitoring the operation of the equipment.
- Carry out operation troubleshooting.
- Notify maintenance department as needed.
- Doing switchgear operation with national dispatch building to connect and disconnect 220KV unified grid function.
- Supervision of 220KV grid function inside the station.

Project : Safaga Gas Power Station
Job title : O&M Engineer
Job Description : Led shift crew in the operation of the power station shift activities included:

- Starting & shutdown of units (Gas turbines & Diesel generators).
- Monitoring the operation of the equipment.
- Carry out operation troubleshooting.
- Doing maintenance (PM) for all units.
- Provided and conducted training for new hired operators.