

Holds a B. Sc. in Mechanical Power Engineering and has over 36 years' experience, including 25 years in conducting operations of modern power and desalination plants and 15 years as an Engineering Instructor.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Currently Abu Dhabi, UAE

EDUCATION

: B. Sc. in Mechanical Power Engineering, Helwan University, 1984
: Mechanical Engineering, Postgraduate Diploma, Mansoura University, 1996

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Management & Leaderships training course (Emirates University), UAE.
: Disaster management course (Alhosn University), UAE.
: B.L.S (basic life support) training course (Al Noor Hospital) – Abu Dhabi, UAE.
: Safety controller training course & ITM O&M Com. Ltd safety rules, UAE.
: Training course in HRSG (HP steam) and its auxiliaries by (DOOSAN), UAE.
: Training course for GT 9FA-GE (Mark VI), by TOSHIBA Company, UAE.
: EX2100 generator excitation and protection course by GE Company, UAE.
: Operation and maintenance of desalination plant (MFS and MED-DOOSAN, SIDEM), UAE.
: EDL training course as official reporting and coordinating with LDC, UAE.
: Operating & maintenance of 140MW steam turbine (ALSTOM), Egypt.
: Operating & maintenance of 135MW gas turbine (SIEMENS-V94.2), Egypt.
: Operation & maintenance of HRSG (BORSIG), Egypt.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2003 till now
Employer : Arabian Power Company
Project : POWER AND DESALINATION PLANT, UAE
Job title : OPERATION MANAGER (POWER GENERATION & DISTILLATION)
Job Description :

- Leading and training the operation staff, achieving safe and economy operation conditions, solving the environmental issues according to HSE policy-rules and regulations.
- Developing new process for 45 employee's evaluation resulting in performance improvements to aware them about the PWPA to achieve company goals, offering expertise, quick and safe action when abnormalities, energetic self-starter and team builder, navigate high stress situations, achieve goals on time under budget.
- Analyzing documents for appropriate distribution and filing.

Dates : From Jan. 2010 till now
Employer : ARABIAN POWER COMPANY, UAE
Job title : ENGINEERING TRAINER & INSTRUCTOR
Job Description :

- Carrying a load of new ideas each semester in a variety of mechanical engineering-related topics, beside creating courses in a field of specialty and taking part in departmental curriculum and program development.
- Evaluating student performance in accordance with departmental standards, counseling students on their majors and offering career advice, and taking part in university recruiting processes.
- Ensuring that student planners met all requirements and adhered to all limits in order to properly execute personnel deployment and redeployment.

Dates : From Dec. 2000 till Jul. 2003
Project : UMNAR POWER PLANT, UAE
Job title : Operation Engineer & Safety Controller
Job Description :

- Preparing PTW, issuing & canceling complying with the company safety rules when plant or apparatus going to be isolated for maintenance using eclipse system.
- Carrying out activities; start-up/shutdown, routine tests, switching, isolation in CC power plant (220MW GTG.9FA - GE-back pressure STG 308MW TOSHIBA - 580 T/h HP steam HRSG DOOSAN - MSF and MED Desalination Units and all Plant Auxiliaries (Fuel gas & oil system, Re-mineralization, De-mineralization, Hypo-chlorination and sea water intake equipment.

Dates : From Jan. 1996 till Dec. 2000
Employer : EGYPTIAN ELECTRICITY AUTHORITY
Project : COMBINED CYCLE POWER PLANT (1250MW), Egypt
Job title : Shift Manager
Job Description :

- Managing, training, instructing 35 member shift staff to avoid any breakdown of plant equipment, coordinating with LDC to achieve plant

- and grid safely and economic operation condition.
- Preparing PTW, issuing, canceling compliance with safety rules.
- Reporting management for daily operational functions and abnormalities issues.

Dates : From Jan. 1991 till Dec. 1995
Employer : EGYPTIAN ELECTRICITY AUTHORITY
Project : COMBINED CYCLE POWER PLANT, Egypt

- 3x140MW steam turbine (ALSTOM) & 6 x 250 t/h - 65 HRSG bar (BORSIG).
- 5x135MW gas turbine (V94.2 SIEMENS).

Job title : CCRO Power Plant (DCS Westinghouse)
Job Description : Carrying out all operational activities:

- Start-up/shutdown, 140MW STG ALSTOM - 250 T/h - 65 bar HRSG BORSIG.
- 135MW GTG V94.2 SIEMENS, Fuel change over (BUF fuel & and mixed fuel).
- Routine tests (Over speed, compressor surge and A/C & DC oil pumps).
- 220KV switch gear (AEG) CBS, isolators, earth switching for power generation units and transmission lines.
- All BOP systems (CCCW, IAC, F.O), 3MW BSD generators (N8-CATERPILLER), waste fuel oil treatment plant, sea water intake pumps.

Dates : From Nov. 1988 till Dec. 1994
Employer : EGYPTIAN ELECTRICITY AUTHORITY
Job title : ENGINEERING TRAINER / ASSESSOR
Job Description :

- Plan and execute high-quality education and evaluation activities on a variety of programs that are dynamic and participatory.
- As a leader of the delivery team, ensure exceptional success for all learners and help to meet recruiting, retention, achievement and success, attendance, and advancement objectives.
- Mark and assess students' work in accordance with College rules and procedures as well as awarding body regulations, and offer constructive feedback to learners to assist them in improving, especially in English and Math.

Dates : From Jan. 1989 till Dec. 1990
Employer : CAFCO COOLING AND FREEZING COMPANY, Egypt
Job title : Technical Manager
Job Description :

- Managed team of 60 employees, overseeing the hiring and training & Carried out processes (boiler, cutting machines) and reducing wasted resources.
- Scheduled all routine maintenance for process equipment, cooling and freezing machines and emergency diesel generator (VOLVO).
- Researched and updated all required materials needed for firm and partners.
- Generated \$ 300,000 in annual savings by implementing new methods in manufacturing process reducing wasted resources.

Dates : From Apr. 1986 till Oct. 1988
Employer : Egyptian Army
Job title : LEADER OFFICER ENGINEER
Job Description :

- Leading and managing platoon team, workshop for maintenance of vehicles and cranes (hydraulic system), finance matters related to spare parts purchasing.
- Preparing schedule for routine maintenance & Obtaining documents, clearances, certificates and approvals from involved authorities.

Field of experience :

- Leadership Skills with experience more than 25 years in government sector conducting operations of modern power and desalination plants, managing engineers and technicians' teams with various specialties and cultures solving many operation trouble shooting.
- A multitalented and innovative educator with substantial practical knowledge with more than 15 years of experience as an Engineering Instructor. Competent in handling student opportunities. Excellent at giving up-to-date technical information, topic understanding as well as practical experience. Capable of imparting practical information.
- Skills:
 - Carried out commissioning of gas turbine units (Siemens V94.2) - (9FA - GE) and MSF & MED desalination units.
 - Periodically caring out Successfully fire mock drill as Incident Controller coordinating with ERT, FF teams and 3rd party.
 - High knowledge and Conversant with chemical dosing systems used in the plant (Boilers, desalination, sea water intake and town water station).
 - Highly experienced and Conversant with ECLIPESG MAXIMO / CMMMS.
- Achievements:
 - Proposal in BSDG Caterpillar L8 diesel generator air starting system.
 - Proposal for the brine recycle system in MSF distillers (DOOSAN) to protect the BRPs and water box tubes at same time safe manpower.
 - Proposal for GTG (9FA-GE) in water injection line to prevent any water passing to Combustors after shut down.
 - Designing and implementing project ring system for CO2 system using in water treatment plant to maintain town water specifications, saving electricity consumption and money.
 - Receiving an exceptional bonus for my professional commitment - 1995.
 - Receiving two times increment - 2004 & 2017.