

Holds a B. Sc. in Mechanical Power Engineering and has about 19 years hands-on experience in construction, maintenance and operation of several industrial projects in Egypt and KSA.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 23/07/1966
Gender : Male
Marital Status : Married
Residence : Damanhour

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 1993

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

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

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2013 till now
Employer : PGESCo (Power Generation & Engineering Services Company)
Project : EI-Sokhna Thermal Power Plant 2x650MW
(Steam Turbine Power Station consisting of 2x650MW Steam Turbine (Hitachi), 2 x Super Critical Boilers Natural Gas / Heavy Oil (Doosan) with all associated auxiliaries)
Job title : Mechanical Construction Engineer
Job Description :

- Assist the Mechanical Construction Manager to ensure correct implementation of the project Mechanical Construction specifications and standards.
- Plan, coordinate, and direct the Mechanical Constructors works (Contractor / Subcontractors) to meet all Construction milestone dates.
- Implement the Mechanical Construction plan to ensure the efficiency, quality, safety and performance of Construction to meet project objectives.
- Monitor jobs to insure quality and compliance with job standards.

- Supervise all personnel in assigned trade's areas; duties include planning, scheduling, organizing and directing work, training personnel, and recommending applicants for employment or for discipline, termination or retention.
- Coordinate activities with other trades areas and outside contractors.

Dates : From 2011 till 2013
Employer : Egyptian Electric Authority
Project : Damanhour Thermal Power Station (1x325MW)
Job title : Maintenance Supervisor Engineer (unit upgrading)
Job Description :

- HVAC System replacement.
- Knowledge and experience with rotating equipment, performance and testing, lubrication, alignment methods and tolerances, foundation installations and repairs, equipment procurement scopes and analysis.
- Experienced in reading and understanding P&ID's, technical specifications and mechanical engineering techniques and procedures.
- Working knowledge of associated piping and instrument systems.

Dates : From 2010 till 2011
Employer : PGESCO (Power Generation & Engineering Services Company)
Project : El-Shabab Power Plant
(Simple Cycle Power Plant consisting of 8x125MW Natural Gas/Light Oil Fired Gas Turbines (GE) with all associated auxiliaries (El-Khorafy Group))
Job title : Mechanical Construction Engineer
Job Description :

- Assist the Mechanical Construction Manager to ensure correct implementation of the project Mechanical Construction specifications and standards.
- Plan, coordinate, and direct the Mechanical Constructors works (Contractor / Subcontractors) to meet all Construction milestone dates.
- Implement the Mechanical Construction plan to ensure the efficiency, quality, safety and performance of Construction to meet project objectives.
- Monitor jobs to insure quality and compliance with job standards.
- Supervise all personnel in assigned trade's areas; duties include planning, scheduling, organizing and directing work, training personnel, and recommending applicants for employment or for discipline, termination or retention.
- Coordinate activities with other trades areas and outside contractors.

Dates : From 2008 till 2010
Employer : PGESCO (Power Generation & Engineering Services Company)
Project : El-Atf Power Plant (750 MW)
Job title : Mechanical (Equipments) Construction Engineer
Job Description :

- Coordinating the mechanical activities works for power plant equipment such as gas turbines, associated auxiliaries, HRSG's and Steam Turbines.
- Preparation of punch lists and assuring the plant systems and components match the specifications and the contract.

- Supervising the contractors during the plant equipment erection and assuring their commitment with the specifications by having good knowledge with requirements.

Dates : In 2008
Employer : Egyptian Electric Authority
Project : Damanhour Thermal Power Station (1x325MW)
Job title : Maintenance Supervisor Engineer
Job Description :

- Knowledge and experience with rotating equipment, performance and testing, lubrication, alignment methods and tolerances, foundation installations and repairs, equipment procurement scopes and analysis.
- Experienced in reading and understanding P&ID's, technical specifications, and mechanical engineering techniques and procedures.
- Working knowledge of associated piping and instrument systems.

Dates : From 2007 till 2008
Employer : Caterpillar Company, Yanbo'a – KSA
Job title : Workshop Supervisor
Job Description :

- Supervising and managing various activities in the workshop including workers at workshop and attending break down complaints.
- Supervising vehicle maintenance and repairing including preventive maintenance services.
- Repairing and maintenance for all type of Petrol and Diesel vehicles.
- Supervising all maintenance and all kind of repairing jobs for heavy, light duty vehicles and preventive maintenance, coordinating with officials.
- Procuring spare parts, materials, scheduling work plans and supervision of transportation of materials, containers and equipments.

Dates : From 2005 till 2007
Employer : El-Hammady Foundation, Riyadh – KSA
Job title : Chief Engineer
Job Description :

- Supervising, co-ordination of various site activities for general engineering and commissioning of diesel generators, HVAC systems, plant and machineries, equipments and execution of site works.
- Repairing and maintenance of DG sets, machineries, water pumps, all kind of hydraulic equipments, centrifugal pumps, air compressors, vacuum pumps, submersible pumps and all other special purpose tools/equipments.

Dates : From 2000 till 2005
Employer : Egyptian Electric Authority
Project : Damanhour Thermal Power Station (1x325MW):
1 unit of steam turbines comprised of 1x325MW condensing turbine generating units and one duel fuel boiler. Installed capacity, Dual Firing (Mazzot, NG), commissioned in 1991.
Job title : Shift Charge Engineer

Job Description :

- Preparation and coordination of plant operation activities.
- Supervising the lagging system.
- Coordination of the function and performance tests for each equipment in the plant.
- Coordinated unit reliability run, units performance tests, unit heat rate tests.
- Coordination with vendor's technical representatives at plant or over phone/e-mail to resolve and/or troubleshoot the problems which show up during operation phases.
- Direct supervision of the operations staff in safe practices and procedures.

Dates : From 1995 till 2000

Employer : Egyptian Electric Authority

Project : Damanhour Thermal Power Station (3x65MW):
3 units of steam turbines, Each of 65MW installed capacity, Dual Firing (NG, Mazzot), commissioned 1968-69.

Job title : Assistance Shift Charge Engineer

Job Description :

- Direct supervision of the operations staff in safe practices and procedures.
- Assisted the Senior Shift Charge Engineer.

Dates : From 1994 till 1995

Employer : Egyptian Electric Authority

Project : Damanhour Combined Cycle Power Station (4x25 + 50MW):
4 units each of 24.2MW and 1 unit of 56MW in Combined Cycle, all of 152.8MW installed capacity, Dual Firing (Solar, NG), commissioned 1985-95.

Job title : Control Room Shift Engineer

Job Description :

- Start-up and commissioning of all unit auxiliary equipment.
- Safe operational practices for all activities in the power plant.
- Restart and stopped the steam power plant and take actions to contact and discontent the stations with the over all electricity network over country (220KV) and save the equipments run stable and safe and solve any shut down problems.
- Monitor, operate and troubleshooting of steam turbines.
- Co-ordinate and supervise all maintenance activities for the plant in fully compliance with HSE rules to ensure the required availability and reliability.
- Monitor, operate and troubleshooting of plant facilities.