

# 100383-MEC-18GHMSYq-E-2000

## Maintenance Manager

Holds a B. Sc. in Mechanical Power Engineering and has over 19 years hands-on experience in Maintenance, Production Planning & Team Management, and Plant Outage across Power & Water Generation, Gas turbine, Desalination plant, Remote generation Diesel Engine Maintenance, HVAC air conditioning, Firefighting, Air system, fuel oil and fuel gas systems, generators, transformers.

### PERSONAL DATA

Nationality : Egyptian  
Birth Date : 03/02/1978  
Gender : Male  
Marital Status : Married  
Residence : Currently Abu Dhabi, UAE

### EDUCATION

: B. Sc. in Mechanical Power Engineering, Helwan University, 2000

### LANGUAGES

Arabic : Native Language  
English : Very Good

### COMPUTER SKILLS

: Windows, MS Office, Internet  
: IBM Maximo for Utilities  
: Computerized Maintenance Management System CMMS  
: Oracle E-Business

### TRAINING COURSES AND CERTIFICATIONS

- : Harvard Manage Mentor (Project Management, Budgeting, Business Case Development, Crisis Management, Decision Making, Leading People, Team Management, Goal Setting, Negotiating, Team Creation, goal setting, performance appraisal, writing skills).
- : Off-shore trainings:
  - Operation & Maintenance training at SIEMENS PG in Germany (Jun./Jul. 2006):
    - Gas turbine Siemens V94.3A2, Type SGT5-4000F.
    - Gas Turbine, Minor Inspection, Check Lists, EOH.
    - Gas Turbine, Major Inspection
  - Installation & Maintenance training at Hitachi Ltd. Company in Japan

(Steam turbine Hitachi TCDF-40) (Nov./Dec. 2007):

- Steam turbine maintenance.
  - Generator maintenance.
  - Condenser maintenance.
  - Ball cleaning system and debris filter maintenance.
  - Circulating water pumps maintenance.
  - Lube oil system maintenance.
  - Hydrogen generation plant maintenance.
  - Turbine main valves maintenance.
  - Lube oil Coolers & Generator coolers maintenance.
- : Basic course of the Operation of Steam Power Stations at Egyptian Operation and Maintenance Company (O&M), Damietta Power Station.
- : Basic course of the Operation of Combined Cycle Power Plant, Nubaria Power Station.
- : Maintenance & operation of all pumps, furnaces, mills and belt Conveyor, Beni Suef Cement Company (2 months).
- : Training at Iron & Steel Company (6 weeks) in maintenance for:
- Diesel engine pumps.
  - HVAC systems.
  - Centrifugal air Compressors.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Oct. 2010 till now
- Employer** : Al Mirfa Power Company, TAQA - UAE
- Project** : Al Ain Power Station
- Job titles** :
  - Maintenance Manager (from Sep. 2018 till now)
  - Head of Maintenance Section (Oct. 2010 – Sep. 2018)
- Job Description** :
  - Managed cross-functional team of 22 in multi sites for the safe, reliable, and efficient maintenance activities associated with defect and planned maintenance programs, through a team of site-based engineers, technicians and at times by external contract agencies.
  - Enhance plant efficiency and productivity by Implementation of maintenance practices in accordance with OEM and international standards.
  - Defined annual budget for maintenance and provide regular reports of expenditures, explaining variances, and recommended solutions.
  - Coordinating with Senior Management in the study for new projects and prepare feasibility reports. Responsibility includes the preparation & review of scope of work, follow-up of tender scope covering detailed technical specification/requirements. Evaluation of technical scope & review of preliminary engineering.
  - Management of maintenance contracts and contractors, Review invoices for contractor's work, reviewing the snag list at the end of projects and reviewing primary and final statements for handing over the projects PAC, FAC.
  - Experienced in Quality Management, Environmental, and Occupational Health & Safety systems as per ISO standards.
  - Established preventive maintenance plans along with tasks in MAXIMO

system with maintenance team, standard maintenance procedures & work instructions, development of maintenance checklists for Power & Water Units to ensure the compliance of OEM based standards.

- SUPERVISORY RESPONSIBILITY:  
Number of Employees supervised the highest supervised grad 13:
  - 1 Head of Mechanical Maintenance Unit (+ 6 subordinates).
  - 1 Head of Electrical Maintenance Unit (+ 4 subordinates).
  - 1 Head of Instrument & Control Unit (+ 4 subordinates).
  - 1 Head of General Service (+ 4 subordinates).
  - Total: 22.
- Organizational Experience:
  - Monitoring the progress and quality of work orders corrective/preventive/predictive/condition based etc. to improve availability, reliability, efficiency as business plan.
  - Represent maintenance Department in HSE committee meeting and BCM.
  - Develop training programs for national employees imparting on the job training and identifies needs for off the job training assignments.
  - Investigating the root cause (RCA) of singular and repeat failures and implements reliability improvements.
  - Member of prequalification committee for new contractors and companies.
  - Key role in development of O&M required maintenance team for plant involving staff recruitment, training and team development.
  - Involvement in discussion with OEM for warranty claims & asset and insurance claim.
  - Strategized and created preventive maintenance plans
  - Management different issues with external parties as contractors, AADC, Transco, Civil Defence, ADDC, LDC, insurance company and loss adjuster.
  - Responsible for preparation of tender with scope of work covering detailed technical specification /requirements, evaluation of technical bids, post tender clarification and review meetings with the bidders and finalization of the suitable equipment, recommendation of the most suitable bidders for supply and installation, which is not limited to the followings:
    - ❖ Supply and Installation of Offshore Seawater Intake Screens and repair of GRP Seawater lines at Al Yassat Island.
    - ❖ Rehabilitation of Multimedia filters of Seawater Reverse Osmosis Plant.
    - ❖ GT09- Main Transformer Re-winding, Re-Insulating & Commissioning.
    - ❖ Major Overhaul of 12VA-83833 Detroit Diesel Engine.
    - ❖ GE LM2500 GT Hot Section Exchange for SS2 in MZP.
    - ❖ GE F9 Re location in Fujairah – Qedfaa F3 site to a selected location on F1 site.
    - ❖ Sector BCM Audit (AMPC).
    - ❖ Refurbishment of gas turbine rotor for GE Frame 6 Gas Turbines MS6001B.
- Key Accountability:
  - Health, Safety, Environment.
  - Technical Contracts Management.
  - Managing maintenance programs and plans.

- Supply, Stores, Human Resource and Finance.

**Dates** : From Jan. 2010 till Oct. 2010  
**Employer** : Upper Egypt Electricity Production Company (UEEPC)  
**Project** : El-Kureimat (III) 750MW Combined Cycle  
**Job title** : Field Service Engineer (GE Gas Turbines Frame 9 (MS-9001FA))  
**Job Description** :

- Maintenance for gas turbine and auxiliaries.
- Provide overall supervision over the implementation of predictive, preventive, corrective modification and major shutdown maintenance programs on wide range of rotating, stationery and associated equipment. Reviews and approves requirements for major repairs or replacement of spare parts.

**Dates** : From Jul. 2008 till Jan. 2010  
**Employer** : Upper Egypt Electricity Production Company (UEEPC)  
**Project** : El-Kureimat (II) 750MW Combined Cycle  
**Job title** : Field Service Engineer (Siemens Gas Turbine SGT5 - 4000 F (V94.3A2))  
**Job Description** :

- Direct, coordinate and supervise all mechanical maintenance, which includes participating in the preparation of maintenance programs, directing the implementation of such programs, investigating of such program's modification.
- Shift Leader for hot gas path inspection for Siemens gas turbine.
- Execute minor inspections for Siemens gas turbine.
- Preparing periodic /preventive maintenance program schedule for plant different Mechanical systems.
- Responsible for warranty claims with the contractor.
- Prepare the training material and training Srier and Zwitina staff from General Electricity Company of LYBIA

**Dates** : From Jun. 2006 till Jul. 2008  
**Employer** : Upper Egypt Electricity Production Company (UEEPC)  
**Project** : El-Kureimat (III) 750MW Combined Cycle  
**Job title** : Mechanical Commissioning Engineer  
**Job Description** :

- Responsible for Mechanical drawings review and approval for a (250MW) steam turbine supplied by HITACHI Company Model (TCDF-40) according to the contract specifications.
- Co-ordination and supervision of all mechanical installation works Related to (HP – turbine, IP – turbine & LP – turbine) Supplied by HITACHI Company.
- Responsible for review and approval for spare parts lists.

**Dates** : From Jan. 2003 till Jun. 2006  
**Employer** : Upper Egypt Electricity Production Company  
**Project** : El-Kureimat (I) 2x650MW Steam Power Plant  
**Job title** : Mechanical Maintenance Engineer  
**Job Description** :

- Turbine (HP, IP & LP) sections.
- All auxiliaries for the turbine such as, Lubrication oil system, Closed cooling water system, Feed water heaters,

- Responsible for maintenance of the steam turbine, in addition, the boilers.
- Store work spare parts from GE Company to UEEPC store.

**Dates** : From Mar. 2002 till Sep. 2002  
**Employer** : Eagle for Mechanical Industry  
**Job Description** : Worked in fabricated special pipe using submerged SAW Gas arc welding GAW/SMAW.