

103976-MEC-1MOS-E-2002
Gas & Steam Turbines Maintenance Dept. Head

Holds a B. Sc. in Mechanical Power Engineering and has over 14 years hands-on experience working in maintenance, operation, commissioning and start-up at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 07/07/1979
Gender : Male
Marital Status : Married
Residence : Mahmoudia

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2002

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Ansaldo Energia Training School, Genoa, Italy (Jan./Feb. 2009):
 - Steam turbine (250MW), generator and condenser maintenance.
 - Steam turbine (250MW), generator and condenser operation.
- : GE Gas & Steam turbines: Fundamentals for Operation & Maintenance.
- : Occupational Safety and Health.
- : Basics of Chemical Treatment for Water.
- : Integrity and Transparency.
- : Procurement and Warehouse list.
- : Planning Budget.
- : Vibration Analysis.
- : Diesel Engines.
- : Quality Systems and Application of Modern Methods of Total Quality.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Apr. 2004 till now
- Project** : Mahmoudia Combined Power Station (650MW)
(8x25MW) gas turbines by GE, (2x58MW) steam turbines by GE, (8) HRSGs by NEM, (220KV), (66KV) Switchyard, Bailey Infi90 Distributed Control System updated by ABB Symphony Harmony DCS and Mark 2, Mark 5, Mark 6 by GE, (2x168MW Ansaldo AE 94.2 Gas turbines)
- Job Description** :
- Gas & Steam Turbines Maintenance Department Head:
 - Plan and manage time and manpower for different department activities.
 - Different types of maintenance for Gas & Steam turbines (Reactive, Preventive, Predictive).
 - All types of Inspections for Gas Turbine (Major, HGP & Comb. Chambers).
 - Follow up works of Iso Simple Cycle Power Plant Project (2x168MW Ansaldo AE 94.2 Gas turbines) including construction, pre-commissioning, commissioning, punch-list, warranty claims, (2015 → 2017).
 - Inspection at ANSALDO THOMASSEN GULF workshop (Mussafah, Abu Dhabi - UAE) for GE - Gas Turbine repaired spare parts (First and second stage nozzles, Liners & Journal Bearing) (from 21 to 24 May 2017).
 - All types of Inspections for Steam Turbine (Major & Minor).
 - Gas & Steam turbines auxiliaries system maintenance.
 - Maintenance of starting system for GT (Torque converter, Diesel).
 - Maintenance of intake system for ST (Traveling screens, Debris filter).
 - Maintenance of several types of pumps, compressors & valves.
 - Using (Easy Laser E540) for laser shaft alignment.
 - Using (OneProd) for vibration analysis.
 - Spare parts & Tools tenders (Requesting, Study, Examination & Receipt).
 - HRSG Maintenance Department Head: Different types of maintenance (Reactive, Preventive, Predictive) for fixed & rotating HRSG parts and components: Tanks, High & low pressure Drums, Diverter Damper, Deaerator, Pipes, Seal air fans, Dosing pumps, Feed water pumps
 - Operation Shift Leader Engineer.
- Dates** : From Jun. 2012 till Oct. 2012
- Employer** : Saudi Electricity Company
- Project** : Shoaiba Steam Power Station (5600MW)
(14x400MW) steam turbines by Alstom, Alspa P320 Control System by Alstom, (220KV), (380KV) Switchyard
- Job title** : Operation Shift Engineer (BTG)
- Job Description** :
- Unit start-up and shutdown procedures.
 - Monitoring parameters.
 - Testing the equipments.
 - Isolation and de-isolation procedures.
 - Boiler system operation.
 - Steam turbine system operation.

- Generator system operation (H2 Cooling system).