

**104694-MEC-1GMY-E-2006**  
**Mechanical Maintenance Engineer**

Holds a B. Sc. in Mechanical Production Engineering and Postgraduate Studies in Quality Control. Has over 12 years hands-on experience working in maintenance at several Power Plants.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 15/11/1983  
Gender : Male  
Marital Status : Married

## EDUCATION

: B. Sc. in Mechanical Production Engineering, Assiut University, 2006  
: Postgraduate Studies in Quality Control, Ain Shams University, 2009

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: AutoCAD, SAP, EMPAC, CCMS, Primavera

## TRAINING COURSES AND CERTIFICATIONS

: Trainee, Underground "Metro" (Sep. 2005), Operation & Maintenance Department.  
: Trainee, Schneider Electrical "Merlin Gerin", Operations Department (Aug. 2003).  
: Trainee, Schneider Electrical "Merlin Gerin", Production Department (Aug. 2002).  
: Quality Courses (QC - QA - QM - TQM).  
: Problem Solving Techniques.  
: Gas Turbine G.E 7F 5-Series Maintenance training course.  
: Steam Turbine Alstom Maintenance training course.  
: HRSG Alstom Maintenance training course.  
: Risk assessment training course.  
: First Aid training course.  
: Firefighting training course.  
: Quality improvement training course.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jul. 2019 till now  
**Project** : Cairo North Power Station  
**Job title** : Mechanical Maintenance Engineer

**Dates** : From Feb. 2014 till Jul. 2019  
**Employer** : Saudi Electricity Company  
**Project** : PP12  
**Job title** : Mechanical Maintenance Engineer

**Dates** : From Apr. 2010 till Feb. 2014  
**Project** : Cairo North Power Station  
**Job title** : Mechanical Maintenance Engineer

**Dates** : From Jun. 2011 till Jul. 2011 (part time)  
**Employer** : Egyptian LNG (Liquefied Natural Gas Company)  
**Job title** : Mechanical Maintenance Engineer

**Dates** : From Mar. 2007 till Apr. 2010  
**Project** : El-Kureimat I Power Station  
**Job title** : Mechanical Maintenance Engineer

**Field of experience** : • WORK EXPERIENCE SUMMARY:

- Planning Maintenance & Material for Gas Turbine Outage (GE frame 5 - GE frame 7 - GE frame 9 – MHI frame 7).
- Carrying out Complete overhaul & Maintenance Gas Turbine (BI – CI – HGP –Major).
- Planning Maintenance & Material for Steam Turbine Outage (Alstom - GE).
- Carrying out Complete overhaul & Maintenance Steam turbine (A – B minor – C major).
- Planning Maintenance & Material for Compressors (PM, CM, EM & Productive).
- Carrying out Complete overhaul & Maintenance for Atlas Copco Air compressors (Reciprocated – Centrifugal).
- Planning Maintenance & Material for Pumps (PM, CM, EM & Productive).
- Carrying out Complete overhaul & Maintenance for Pumps (Different types).
- Planning Maintenance & Material for Hydrogen plant Mechanical equipment (PM, CM, EM & Productive).
- Carrying out Complete overhaul & Maintenance for Hydrogen plant Mechanical equipment.
- Planning Maintenance & Material for STG Valves (Main Stop Valves, Control Valves, Combined Reheat Valves).

- Carrying out Complete overhaul & Maintenance for STG Valves.
- Planning Maintenance & Material for different types of Valves.
- Carrying out Complete overhaul & Maintenance for different types of Valves.
- Creating PP12 SAP program data (Function Location - WCM - BOM).
- Conduct site engineering studies to determine the feasibility of introducing modifications and incorporates the same to increase the reliability and efficiency of current plant and infrastructure.
- Owner representative during installation and commissioning of mechanical equipment.
- Review and coordinate equipment lists, material requisitions, purchase specifications.
- Quality improvement Facilitator at PP12 – Saudi Electricity Company.
- RCA team leader at PP12 – Saudi Electricity Company.
- Trainer for PDP Engineers, gas turbine components course.
- Perform field roles to get experience, knowledge and be able to reinforce field members during the high outage season to develop / maintain field service QM.
- Manage the field resources allocation and planning improvement within field service.
- Ensure documentation packages issued by manufacturers meets the standard.
- Implement QC procedures during disassembly inspection and assembly for turbine and related equipment.
- Develop, review revise field procedures, and related technical information.
- Maintain the highest degree of honesty and integrity to all times comply with all safety policies.
- Protect confidential information by not communicating disclosing to /or using for benefits of third parties.
- TURBINE (GT & STG) WORK EXPERIENCE:
  - Gas Turbine Combustion Inspections Experience:
    - ❖ General Electric Gas turbine: Carried out 3 times for Frame (MS9001FA+E).
    - ❖ Mitsubishi Gas Turbine: Carried out 2 times for Frame M701F 250MW.
  - Gas Turbine Hot Gas Path Inspections Experience:
    - ❖ General Electric Gas turbine: Carried out 6 times for Frame (7FA.05).
    - ❖ General Electric Gas turbine: Carried out 2 times for Frame (MS9001FA+E).
    - ❖ Mitsubishi Gas Turbine: Carried out 2 times for Frame M701F 250MW.
  - Gas Turbine – Major Inspection Experience:
    - ❖ General Electric Gas turbine: Carried out 2 times for Frame (MS9001FA+E).
    - ❖ Mitsubishi Gas Turbine: Carried out 2 times for Frame M701F 250MW.
  - Gas Turbine – Module replacement Experience:

- ❖ General Electric Gas turbine: Carried out 1 time for Frame 5 (EMC contractor).
- Steam Turbine - Major Inspection Experience:
  - ❖ Alstom Steam turbine: Carried out 1 time for Frame (DKYZZ3-2N41C) (250MW).
  - ❖ General Electric Steam turbine: Carried out 1 time for Frame (270T305) (628MW).
- GAS TURBINE & STEAM TURBINE INSPECTION HISTORY:
  - GE – GAS TURBINE FRAME (7FA.05):
    - ❖ April 2017: Carrying out HGP (Hot Gas Path Inspection).
    - ❖ April 2017: Carrying out HGP (Hot Gas Path Inspection).
    - ❖ March 2017: Carrying out HGP (Hot Gas Path Inspection).
    - ❖ March 2017: Carrying out HGP (Hot Gas Path Inspection).
    - ❖ February 2017: Carrying out Semi-MI (Semi-Major Inspection).
    - ❖ February 2017: Carrying out HGP (Hot Gas Path Inspection).
  - GE – GAS TURBINE FRAME (MS9001FA+E):
    - ❖ September 2013: Carrying out major overhaul & maintenance.
    - ❖ January 2013: Carrying out major overhaul & maintenance.
    - ❖ June 2012: Carrying out CI (Combustion Inspection).
    - ❖ November 2011: Carrying out CI (Combustion Inspection).
    - ❖ May 2011: Carrying out HGP (Hot Gas Path Inspection).
    - ❖ November 2010: Carrying out CI (Combustion Inspection).
    - ❖ May 2010: Carrying out HGP (Hot Gas Path Inspection).
  - Mitsubishi Gas turbine (250MW) frame (M701F):
    - ❖ December 2013: Carrying out TI (Turbine Inspection).
    - ❖ October 2013: Carrying out TI (Turbine Inspection).
    - ❖ December 2012: Carrying out CI (Combustion Inspection).
    - ❖ November 2012: Carrying out CI (Combustion Inspection).
    - ❖ October 2011: Carrying out major overhaul & maintenance.
    - ❖ April 2011: Carrying out major overhaul & maintenance.
  - ALSTOM – STEAM TURBINE FRAME (DKYZZ3-2N41C):
    - ❖ Jan. 2011: Carrying out major overhaul maintenance.
  - GE – GAS TURBINE FRAME (5):
    - ❖ June 2011 - July 2011: Carrying out Module replacement for Gas turbine G.E frame 5 (EMC contractor).
  - GE – STEAM TURBINE FRAME (270T305):
    - ❖ December 2009 - March 2010: Carrying out major overall maintenance.
- EXCELLENCE AWARDS:
  - Awarded for Best Quality Facilitator 2017 - Saudi Electricity Company.
  - Excellence certificate for "Quality Improver" as Facilitator of SEC quality improvement program 2017.
  - Excellence certificate for "Quality Improver" as Facilitator of SEC quality improvement program 2016.
  - Excellence certificate for "Quality Improver" as member of SEC quality improvement program 2016.
  - Excellence certificate for "Employee of the month" for December 2016 - Saudi Electricity Company.
  - Excellence certificate for "Quality Improver" as member of SEC quality improvement program 2015.

- Excellence certificate for "Quality Improver" as member of SEC quality improvement program 2014.