

**103338-MEC-148GM-E-2001**  
**Mechanical Maintenance Engineer**

Holds a B. Sc. in Mechanical Power Engineering and has over 20 years hands-on experience, working mainly in maintenance field.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 17/05/1977  
Gender : Male  
Marital Status : Married  
Residence : Shoubra El-Kheima

## EDUCATION

: B. Sc. in Mechanical Power Engineering, Ain Shams University, 2001

## LANGUAGES

Arabic : Native Language  
English : Very Good  
French : Basics

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet  
: AutoCAD 2D

## TRAINING COURSES AND CERTIFICATIONS

- : Course of SAP Navigation, DEWA Wave-II SAP Implementation Project, EDWA (DUBAI ELECTRICITY AND WATER AUTH.).
- : Course of vibration analysis conditioning monitoring and balance from Delta Company Electronic B&K TECHNOLOGY DENMARK 2526 vibrotest equipment and laser alignment with CSI 8117 equipment.
- : Basics and site specifics training courses, constituting a program of concentrated study of power plant equipment and system theory and application from Shoubra El-Kheima Power Station Training Center (from Dec. 2002 till Apr. 2003) (OVER SEAS BECHTEL).
- : Vibration analysis of rotating machine course from Shoubra El-Kheima Power Station Training Center.
- : Vibration condition monitoring and balancing equipment course from Shoubra El-Kheima Power Station Training Center (Jan. 2004).
- : Alignment course from Shoubra El-Kheima Power Station Training Center (Jul. 2004).

- : Hot & cold unit operation course from Shoubra El-Kheima Power Station Training Center.
- : The benefits of unit outage cases and how to deal with it course from Shoubra El-Kheima Power Station Training Center.
- : The emergency unit outage and how to deal with it course from Shoubra El-Kheima Power Station Training Center.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jan. 2013 till now
- Employer** : NORTH CAIRO COMPANY FOR PRODUCING ELECTRICITY
- Project** : Shoubra El-Kheima Power Station (4x315MW steam turbine)
- Job title** : Maintenance Engineer in Steam Turbine Section
- Job Description** :
- PDM (Predictive maintenance).
  - Vibration analysis.
  - Alignment.
  - Balance.
  - Instructor in Shoubra El-Kheima Training Center (pumps, compressor, valves, vibration analysis, Alignment and balance).
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- Dates** : From Nov. 2008 till Dec. 2012
- Employer** : DEWA (DUBAI ELECTRICITY AND WATER AUTH.)
- Project** : JABEL ALI POWER STATION, DUBAI – UAE
- Job title** : Engineer in Turbines Maintenances Department
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- Dates** : From May 2008 till Nov. 2008
- Employer** : SUCO (SUEZ OIL Company)
- Project** : Petroleum Crude Oil Product Company, RAS BADRAN, ABORDES – EGYPT
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- Dates** : From Oct. 2002 till May 2008
- Employer** : NORTH CAIRO COMPANY FOR PRODUCING ELECTRICITY
- Project** : Shoubra El-Kheima Power Station (4x315MW steam turbine)
- Job Description** :
- Maintenance Engineer:
    - Vibration analysis (PDM) predictive maintenance & balance of rotary.
    - Supervise the maintenance group to inspect diagnose operational problems repair and troubleshooting the following equipment:
      - Steam turbine (Westinghouse 315MW at 3000 r.p.m).
      - Gas turbine 42MW (fiat TTG20 at 4918/3000r.p.m).
      - Major overhaul inspection for steam turbine in Abo Zaabal Company (dresser rand frame: gaf.6c 1.8MW 5706/3000 r.p.m).
      - N.D.T check.
      - Friction type bearing, split type bearing, kingsbury thrust bearing, guide bearing and antifricition bearing).
      - Surface condenser.
      - Boiler feed water pump.

- Condensate water pump.
- Closed cooling water pump.
- Oil pump screw imo pump.
- Circulating water pumps (900HP-450RPM-340,000LIT/MIN).
- Sharing in Shoubra El-Kheima Power Plant Training Center by the course in "Review spare parts & consumable materials to be reordered".
- Working with a group of experience engineers to prepare P.I.D documents for 315MW steam unit.
- Analyze contracts tender document.
- Propose technical modification to improve plant (Availability & Reliability).
- Operation Engineer (from Oct. 2002 till Jan. 2005):
  - Deal with turbine & rotary pumps up to 210 bar, vibration analysis and compressors Simple steam cycle (4 units x 315MW).

**Dates** : From Jul. 2002 till Oct. 2002  
**Project** : Kattamya Center Project Cairo – Egypt, Contract: Ascon/ETA Nabcontract J.V. (AENJV)  
**Job title** : Site Engineer

**Dates** : From Mar. 2002 till Jun. 2002  
**Employer** : Cool Way for Contraction of Central Air Condition

**Dates** : From Oct. 2001 till Mar. 2002  
**Employer** : Nahdat Misr for Elec. Industrial