

Holds a B. Sc. in Mechanical Power Engineering and has about 12 years hands-on experience, including 8 years working as Operation Engineer and 2 years as Maintenance Engineer.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 12/09/1981  
Gender : Male  
Marital Status : Married  
Residence : Alexandria

## **EDUCATION**

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2005  
: Secondary Education: Orman Experimental Language School

## **LANGUAGES**

Arabic : Native Language  
English : Fluent  
French : Fair

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel, Access, Power Point), Internet  
: AutoCAD 2D & 3D

## **TRAINING COURSES AND CERTIFICATIONS**

: Maintenance management.  
: ICDL  
: Training in Sidi Krir Petro-Chemical Company (Jul. 2004).  
: Operating steam power station (Level E1) in Abu Qir Training Center (Apr. 2009).  
: Water treatment in electrical power stations in Abu Qir Training Center (Jun. 2012).  
: Operation & Troubleshooting using DCS in ABB Company, Genova, Italy (Dec. 2011).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Dec. 2008 till now  
**Employer** : West Delta Electricity Generating Company  
**Project** : Abu Qir Power Station Unit 5 (325MW)  
**Job title** : Senior Operation Engineer  
**Job Description** :

- Starting up and shutting down procedures for the unit (cold & hot state) using DCS control system.
- Monitoring parameters (temperatures, pressures, Levels & currents of all motors).
- The operations for various components of the thermal power station.
- Fuel, Water, steam & electrical circuits checking deviation from the standard values.
- Pumps, Bearings, Fuel lines, Boiler, Turbine, Motors & Recorders.
- Isolating all unit components for maintenance & making all safeties for mechanical and electrical parts.
- Testing and troubleshooting.

**Dates** : From Oct. 2007 till Nov. 2008  
**Employer** : International Company for Constructions & Special Maintenance (INTERMAINT)  
**Job title** : Mechanical Maintenance Engineer  
**Job Description** :

- Preventive & overhaul maintenance for cement plant Equipments in Ameria Cimbor Cement Company (ACCC).
- Preventive & overhaul maintenance for ball mill (diaphragm, shell plates, girth gear & pinion).
- Preventive & overhaul maintenance for roller mill (gear box, roller, hydraulic system).
- Preventive & overhaul maintenance for belt & clinker conveyors.
- Preventive & overhaul maintenance for bag & E.S.P filters.

**Dates** : From Jun. 2006 till Oct. 2007  
**Employer** : Rubex Company for plastics and acrylic industries  
**Job title** : Maintenance Engineer  
**Job Description** :

- Maintenance for plastic molding machines & hydraulic systems.
- Preventive & overhaul maintenance for Diesel engines.
- Vacuum pump maintenance.
- Maintenance for water centrifugal pumps (single stage – multi stage).
- Editing in design for hydraulic systems to suit the desired applications.
- Maintenance for pneumatic systems.
- Preventive maintenance for screw compressors.

**Dates** : From Oct. 2005 till May 2006  
**Employer** : Watania Group Co. "fire fighting contractors"  
**Projects** :

- Civil Club Aviation for Civil Aviation Ministry
- "El Torgoman" Bus Station in Cairo
- "El Fardouse" Residential Complex in Qatar
- "EMIK" Factory Medicinal Industries

- Job title** : Technical Draughts Engineer
- Job Description** :
- Complete Design and preparing the Shop Dwg.s for Water Sprinklers Network for fire fighting Systems.
  - Preparing Shop Dwg.s for CO2 & FM200 Gas Systems.
  - Preparing Isometric Shop Dwg.s for gas systems.
  - Preparing Shop Dwg.s for fire pump rooms.
  - Preparing Riser Diagrams.
  - Preparing M.T.O and break downs for Entire Projects.

Patent:

I have patent entitled "NEW DESIGN FOR FLOATING WEIR SKIMMER", was issued on February 24, 2010 from Egyptian Patent Office, Academy of Scientific Research & Technology, Ministry of State for Scientific Research, Arab Republic of Egypt and it has been published in PATENT GAZETTE (Sep. 2009).