

Holds a B. Sc. in Mechanical Production Engineering and has over 21 years hands-on experience related to Construction, Project Management and Engineering, ensure usage of resources is cost effective.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 10/05/1978  
Gender : Male  
Marital Status : Married  
Residence : Alexandria

## EDUCATION

: B. Sc. in Mechanical Production Engineering, Alexandria University, 2000

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: MS Project  
: MS Visio  
: Primavera  
: AutoCAD  
: AutoDesk Inventor  
: Rhinoceros 3D Modeling  
: Solid Works  
: SPC-PC IV – Statistical Process Control  
: Graphics Applications and Web Design

## TRAINING COURSES AND CERTIFICATIONS

: Courses by TOTAL:  
• FMEA – Failure Mode & Effect Analysis.  
• Control Plans.  
• SPC – Statistical Process Control.  
• MSA – Measurement System Analysis.

- : Courses by General Motors Egypt (GME);
  - PPAP – Production Part Approval Process.
  - GP-12: Early Production Containment.
  - GP-9: Run @ Rate.
  - Production Buffers.
- : Project Management.
- : HSE – Health Safety Environment in Industrial Activities.
- : Cranes, Lifting and Rigging.
- : Risk Assessment.
- : Fire Marshal Training Program.
- : PRINCE2.
- : Diploma in Renewable Energy.
- : Construction Management.
- : English: IELTS band score 7.
- : Successfully assessed as a Professional Engineer Level 1 from Engineers Australia.

## CHRONOLOGICAL EXPERIENCE RECORD

- |                        |   |  |
|------------------------|---|--|
| <b>Dates</b>           | : | From Oct. 2008 till now  |
| <b>Employer</b>        | : | ORASCOM Construction   |
| <b>Projects</b>        | : | <ul style="list-style-type: none"> <li>• Jiji and Mulembwe Hydropower Plant – PHJIMU - Burundi</li> <li>• Construction and Commissioning of 8 HRSG, 2 Steam Turbines, 2 ACC and BOP of Assiut Combined Cycle Power Plant</li> <li>• Construction and Commissioning of 4 Diverter Damper – West Damietta Power Plant</li> <li>• Construction and Commissioning of 8x125MW Assiut Power Plant</li> <li>• Construction and Commissioning of Nile Sugar Factory in Alexandria</li> </ul>   |
| <b>Job titles</b>      | : | <ul style="list-style-type: none"> <li>• Technical Office Manager</li> <li>• Chief Mechanical Engineer</li> <li>• Senior Mechanical Engineer</li> </ul>  |
| <b>Job Description</b> | : | <ul style="list-style-type: none"> <li>• Mechanical Technical Office Manager.</li> <li>• Leading Mechanical Construction Team for HRSG, Steam Turbine, Hydromechanical Equipment, Penstock and Low Pressure Pipelines, Powerhouse.</li> <li>• Planning Erection activities at site and man power break down.</li> <li>• Design Heavy Equipment Lifting Plans and Supervise the Lifting Process.</li> <li>• Review Contracts, Drawings and ensure activities are going according to the Project Plan.</li> <li>• Providing Technical Documents and Drawings to Site Staff and sub-contractors.</li> <li>• Material Control of Imported Equipment and Local Fabrications Shipments arrived at Site.</li> <li>• Piping Works reviewing ISO &amp; P&amp;ID Drawings, Material Control, Erection Progress follow-up.</li> <li>• Follow up and making Progress Reports about Site Construction Activities and Commissioning.</li> <li>• Preparing Invoices to Owner and approve sub-contractors invoices.</li> </ul> |

- Reporting to the Project Manager.

**Dates** : From Sep. 2007 till Oct. 2008  
**Employer** : TIG.EG (PER-TECH) Technological Industrial Group – Egypt  
**Project** : Construction and Commissioning of South Valley Cement Factory in Beni Suef, Egypt  
**Job title** : Senior Technical Office Engineer  
**Job Description** :

- Review Contracts, Drawings and ensure activities are going according to the Project Plan.
- Providing Technical Documents and Drawings to Supervision team and sub-contractors.
- Material Control of Imported Equipments and Local Fabrications Shipments arrived at Site.
- Planning Erection activities at site and man power break down.
- Follow up and making Daily Progress Report about all Construction Activities at Site and Commissioning.
- Contacting with the Owner and Sub-Contractors.
- Contacting with TIG.JO Management and Design Department in Jordan.
- Reporting to the Project Manager.

**Dates** : From Dec. 2000 till Jul. 2007  
**Employer** : LANDMARK Mechanical Works (LMW) – Auto Parts Manufacturer  
**Job title** : Engineering & Design Department Manager  
**Job Description** :

- Collecting data from different Engineering Sectors & reporting to the Chairman.
- Make drawings 2D & 3D Models for the products.
- 2D, 3D Drawings & Analysis for Exhaust System Components and Pipes.
- Production Scheduling and Inventory Monitoring.
- Optimization of Manufacturing Processes and uses of Resources including Labors, Machines, Materials and Energy.
- Factories Layout, Production Processes Sheet, Process Flow Chart.
- Control Plan & PFMEA-Part Failure Mode Effect Analysis.
- KPC-Key Product Characteristics & KCC-Key Control Characteristics.
- SPC – Statistical Process Control.
- Order New Machines & Raw Materials & Contact with Suppliers.
- Studying New Products & Developing of Current Products, estimation, pricing of new products, Bill of Materials and preparation of tenders.
- Providing Technical Advice during manufacturing, assembling and quality control.
- Providing General Maintenance Plan for each Machine within the Production Line to achieve max Productivity with Best Quality Required.
- Major Projects / Achievements:
  - Design of Cargo box for light trucks.
  - Successful accreditation for supply automotive parts to General Motors Egypt.
  - Planning and Supervising Erection Works of 2 new factories from 2001 to 2006:
    - LANDMARK Metal Works.
    - LANDMARK Auto Parts – Free Zone.

**Field of experience :** Over 21 years working experience in project management and construction of Industrial Buildings, Planning and Follow-up of erection works of Mechanical Equipment for Simple and Combined Cycle Power Plants, Cement Production Lines, Sugar Production Factories, Steel Structure Buildings, Design, R&D, Production, Quality Control, Factories Installation and Start-up for Manufacturing Automotive Parts.