

**104150-MEC-568CDEGn-E-2000**  
**Design & Technical Support Engineer**

Holds a B. Sc. in Production Engineering and has about 16 years hands-on experience, including 7 years working as Design & Technical Office Engineer and 8 years as Manufacturing Engineer and Production Engineer.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 22/02/1975  
Gender : Male  
Marital Status : Married  
Residence : Alexandria

## EDUCATION

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

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

: Health & Safety (General Awareness Training) (Apr. 2008).  
: Developing The Leader With You (LEADERSHIP) (Apr. 2008).  
: Team Building (TEAMWORK) (May 2008).  
: Introduction To Pro/Engineer wildfire 3.0.  
: ERP (Microsoft Great Plain).  
: Trainings at Alexandria Company for Metal Works (from Jun. till Sep. 1999 and from Jul. till Oct. 2000).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Nov. 2013 till Oct. 2016  
**Employer** : Yard Consulting Engineers (design and supervision for water and waste water projects), Head Office, Riyadh – Saudi Arabia  
**Job title** : Design & Technical Support Engineer

**Job Description** : 

- Revise and evaluate all projects works at all stages (before, during and after execution).Such works as design calculations, technical and hydraulic studies, drawings, BOQ, technical specifications for all equipments and materials to be supplied, projects documentation and as built drawings....etc.
- Revise and evaluate all documents for new contracts and projects.

**Dates** : From May 2009 till Nov. 2013

**Employer** : Express Industrial Company (a company is a leader in design, manufacturing and operating of water desalination plants using reverse osmosis method), Borg Al Arab Ind. Zone, Alexandria – Egypt

**Job title** : Technical Office & Projects Manager

**Job Description** : 

- Lead and coordinate between an engineering team to execute all works (design, procurement of materials and equipments, manufacturing, assembly, installation and operation...etc.).
- Preparing and studying technical and financial proposals.
- Responsible for continuous development and prepare training plans for technical office engineers.
- Work directly with customers to recognize and understand their needs and develop the best solutions to reach their satisfaction.
- Coordinate and supervise project execution and construction work and review project plan and execute recovery plans wherever necessary.
- Coordinate testing and commissioning of the plant and ensure proper handover.
- Manage all contract documentation, schedule and project cash flow.
- Prepare Bill of Materials/ Equipment list, budget and manpower plan and arrange for procurement of materials as per technical specification.
- Coordinate with relevant parties to review designs and resolve areas of concern promptly.
- Conduct progress meetings and prepare regular reports including progress updates.
- Preparing all project documents (Project time schedule, workshop drawings, method statements, technical submittals, reports, quantity surveying, purchase orders and payment invoices.....etc.).
- Archive, maintain and record all project documents (drawings, letters, issues, conditions, Minutes of meetings, payment invoices...etc.).

**Dates** : From Feb. 2008 till Mar. 2009

**Employer** : OMNI OIL TECHNOLOGIES Company (a company is a manufacturer of oil well drilling tools), Jebel Ali Free Zone (JAFZA), Dubai – UAE

**Job title** : Manufacturing Engineer

**Job Description** : 

- Fully comply with and exercise diligence in observing all QHSE standards specified by management and JAFZA rules and regulations.
- Ensure only authorized personnel to be within the vicinity of machines and all machines are operated under strict QHSE guidelines.
- Deputize for the Manufacturing manager in production issues in his absence.
- Responsible for the development, training and competence of workshop employees.
- Responsible for liaising with engineering and design personnel for transfer of product data into manufacturing.

- Carry out product quality and process defect analysis to identify the root cause and define corrective action.
- Develop, improve and implement methods and procedures for all product families and support process.
- Ensure the highest standards of product quality and those products are delivered within the required product costs and budgets.
- Facilitate high impact process and quality improvement projects to reduce defects and increase productivity.
- Responsible for reporting production and quality performance within the ISO 9001 quality system and the issue of workshop procedures and documents.
- Facilitate the purchase of new workshop equipment by identifying specifications and suitable suppliers.
- To carry out internal QHSE Audits as required.

**Dates** : From Mar. 2007 till Feb. 2008  
**Employer** : FORMING EGYPT Company (a company is a manufacturer of molds, dies, machines and machine elements), Al Agamy, Alexandria – Egypt  
**Job title** : Manufacturing Engineer  
**Job Description** :

- Utilize solid modeling software for all CAD/CAM operations.
- Work in a design/manufacturing environment.
- Prepare NC programs required for operating VMC machines.
- Assist in mold and die design.
- Provide technical support for EDM and CNC processes.
- Archive CAD/CAM data and related documentation.

**Dates** : From Jul. 2006 till Mar. 2007  
**Employer** : Alexandria National Company for metal forming ANBORG (a company is a leader in sheet metal forming works and steel fabrication works), Borg Al Arab Ind. Zone, Alexandria – Egypt  
**Job title** : Production Engineer  
**Job Description** : Responsible for controlling the production activates which include:

- Preparing production plans and spread sheets.
- Preparing work plan for each equipment that is used in the production process (Rolling Line, Slitting Machine, Bending Machine, Cutting Machine .....etc.).
- Assigning the proper working conditions required for achieving the best product quality and the highest production rate, with minimum utility consumption.
- Preparing production reports.
- Carrying out products quality and improvement.

**Dates** : From Dec. 2001 till Jul. 2006  
**Employer** : Alexandria Company for Metal Works (a company is a manufacturer of stainless steel products such as tableware and households), Km23 Alexandria-Cairo desert road, Alexandria – Egypt  
**Job title** : Manufacturing Engineer  
**Job Description** :

- Utilize solid modelling software for all CAD/CAM operations.
- Work in a design/manufacturing environment.
- Assist in mold and die design.

- Prepare NC programs required for operating CNC machines (VMC machines - lathes - wire cut EDM).
- Provide technical support for EDM and CNC processes.
- Create designs and NC tool paths for electrodes.
- Archive CAD/CAM data and related documentation.

- Field of experience :**
- Worked for companies and corporations that provide both training and different work experiences as per the following list of products:
    - Water & waste water projects (pipe lines - networks - pump stations - water tanks - water treatment plants).
    - Sea water RO desalination plants up to 5,000 m3/day.
    - Manufacturing of oil well drilling tools.
    - Moulds and dies.
    - Stainless steel products (households).
    - Steel beams (C-U-Z), corrugated sheets and steel structures.
  - Gained the following skills and experiences:
    - Projects management works for Sea water RO desalination plants up to 5,000 m3/day (Design, Manufacturing, Installing, Test & Commissioning and operation & maintenance).
    - Work in a design/manufacturing environment.
    - Production planning and management.
    - Projects management.
    - CAD/CAM engineering and CNC machines programming.
    - Solid modelling software (AutoCAD - MasterCAM X - ArtCAM pro - EdgeCAM - Solid Works - ProEngineer4....etc.).