

Holds a B. Sc. in Mechanical Power Engineering and has about 19 years hands-on experience working in design, technical office and HVAC.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 28/06/1973  
Gender : Male  
Marital Status : Married  
Residence : Giza, Cairo

## **EDUCATION**

: B. Sc. in Mechanical Power Engineering, Cairo University, 1996

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: AutoCAD  
: HAP for HVAC load calculations  
: Elite – fire fighting hydraulic calculations  
: Many of engineering applications

## **TRAINING COURSES AND CERTIFICATIONS**

: Fire fighting systems (Engineers Syndicate).  
: Management fundamentals and technical reports (Arab Contractor Training Institute).  
: Project management using Primavera (Arab Contractor Training Institute).  
: Fundamentals of central air conditioning (Arab Contractor Training Institute).  
: Welding codes, specifications & quality assurance (American University, Cairo).  
: Welding metallurgy (American University, Cairo).  
: Non destructive test using ultrasonic (level I & II) (American University, Cairo).

# CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Sep. 2014 till now
- Employer** : Arab Consultants Engineers (ACE), Moharm-Bakhom for infra- structure projects
- Projects** :
- Sewage lift stations at Merghem industrial area, Alexandria, 6 lift stations with capacity of (6000 m3/h) for main pump station
  - Water supply & irrigation pump stations at Marassi resort community, North Coast
  - Saft El-Laban water pump station, with capacity 40,000 m3/day
  - Pump stations and generator plant design at Julius Nyerere international Airport – Tanzania, shop drawings and material submittal review and approval
  - Pump stations design for Water treatment plant – Jizan – K.S.A
  - Sewage, water, irrigation pump stations, generator rooms, overhead cranes design for King Abdullah Suburb development – Jizan – K.S.A
  - North of Helwan water treatment plant extension and rehabilitation
  - Overhead cranes preparation of specifications and bill of quantity for Factory #63 – Helwan
  - Rehabilitation of rain drain pump stations at greater Cairo Tunnels
  - Fire fighting and water supply pump stations for many of courts
  - Overhead cranes preparation of specifications and bill of quantity for Egypt Air – Hangar 7000
  - Fire fighting, water supply, treated gray water pump stations design including design drawings, specifications and bill of quantity preparation of Jeddah Cornice hotel - K.S.A
- Job title** : Mechanical Design Engineer
- Job Description** :
- Pump stations design for water treatment plants, water supply plants, firefighting, irrigation, sewage lift stations, sewage treatment plants.
  - Pump stations design works include preparation of calculations, pump selection, design drawings, specifications & bill of quantities.
  - Generator room mechanical design and preparation of contract documentation including design drawings, specifications and bill of quantities.
  - Overhead cranes selection and preparing of design drawings, specifications and bill of quantity.
  - Mechanical works shop drawings & material submittals review and approval.
- Dates** : From Nov. 2013 till Aug. 2014
- Employer** : Saudi Consolidated Engineering Company (Khatib & Alami) Consultant Engineers, Riyadh, K.S.A
- Project** : Construction of industrial complex for military industries cooperation at Riyadh
- Job title** : Mechanical Engineer
- Dates** : From Oct. 2007 till Oct. 2013
- Employer** : Al-Jaweini Consultant Engineers, Riyadh, K.S.A
- Projects** :
- Stadium & Sports Hall – Najran University
  - Faculty of Computer Science – Najran University

- Job title** : Wadi Al-Dawaser Sports City Project  
**Job Description** : Mechanical Engineer
  - Follow up execution of mechanical works at site (HVAC, plumbing, firefighting, irrigation systems for football playground and site landscape, pump stations).
  - Review and approve shop drawings and material submittals.
  - Review and approve quantities executed and monthly invoice.
  - Follow up project time schedule.
  - Review variation orders submitted from contractor.
  - Preparation of technical reports and letters to client.
  - Record photos for all project activities to attach with monthly reports.
- Dates** : From Jan. 2005 till Aug. 2007  
**Employer** : Al-Ekhwa for contracting, Jeddah, K.S.A  
**Projects** : Taiba University, Madinah Mounawara, K.S.A:
  - Girls College – Scientific Departments: consists of lectures building, laboratory building, chilled water plant, pump station for chilled water, water supply and firefighting systems
  - Girls College – main library and TV network studios
- Job title** : Mechanical Engineer  
**Job Description** :
  - Mechanical Engineer for HVAC, firefighting, plumbing, pump stations, gas and compressed air systems.
  - Tender studies and cost estimation.
  - Shop drawings preparation.
  - Follow up mechanical works execution at company different projects.
  - Material take off and purchase orders preparation.
  - Workers manage.
  - Monthly invoice preparation and review with consultant.
- Dates** : From Dec. 2006 till Aug. 2007 (part time)  
**Employer** : Ramadan for architecture consulting engineer, Madinah Mounawara, K.S.A  
**Project** : Hotel building at central area consists of two basements, ground, mezzanine, 10 typical floors have 140 rooms  
**Job title** : Mechanical Engineer  
**Job Description** :
  - Follow up execution of mechanical works at site (HVAC, plumbing, firefighting, pump room).
  - Review and approve shop drawings and material submittals.
  - Review and approve quantities executed and monthly invoice.
  - Follow up project time schedule.
- Dates** : From May 2004 till Dec. 2004  
**Employer** : Hassan Allam Sons Company  
**Project** : Communications Ministry Building at Smart Village, Cairo  
**Job title** : Manager of Technical Office  
**Job Description** :
  - Shop drawings and material submittals preparation.
  - Follow up time schedule.
  - Material control.
  - Material take off and purchase orders preparation.

- Monthly invoice preparation and review with consultant.

- Dates** : From May 1998 till Apr. 2004
- Employer** : Arab Contractors Company, Egypt
- Projects** :
- Steel Rolling Mill Factory at Abo zaabal area (Arab Contractors – Siemens)
  - Underground Tahrir Square Park
  - Sports Hall of Suez Canal University, Port Said City
  - Hydrogen Generation Plant at Suez Refinery Company (Arab Contractors – KTI Italy)
  - Arab Company for special steel factories, Sadat City (Arab Contractors - Posec South Korea – Pomini Italy – Stein heurty Spain)
- Job title** : Mechanical Engineer
- Job Description** :
- Mechanical installations at big industrial and petroleum projects.
  - Piping prefabrication and installation.
  - Welding processes preparation.
  - Water pump stations.
  - Shop drawings and material submittals preparation.
  - Follow up time schedule.
  - Material control.
  - Material take off and purchase orders preparation.
  - Monthly invoice preparation and review with consultant.
- Field of experience** :
- Design of various pump stations for water treatment plants, water supply plants, firefighting, irrigation, sewage lift stations, sewage treatment plants including preparation of calculations, pump selection, design drawings, specifications & bill of quantities.
  - Review and approval of drawings and material submittals.
  - Supervision of mechanical installations for big industrial & petroleum projects.
  - Supervision of HVAC, fire fighting, plumbing, compressed air, gases and pump stations systems.
  - Preparation of material submittals, project time schedule follow up, monthly invoices, claims and change orders.