

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
: Mechanical Engineer
Job Description : • 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.