

Holds a B. Sc. in Mechanical Power Engineering and has about 7 years hands-on experience working in design field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 24/04/1988
Gender : Male
Marital Status : Married
Residence : Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Helwan University, 2010

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD 2D
: Hap Program in Load Estimation
: Elite Fire
: HAP
: Duct Sizer
: Revit 2012 & Revit 2013 & Revit 2014 & Revit 2016

TRAINING COURSES AND CERTIFICATIONS

: REVIT MEP 2015 CERTIFIED PROFESSIONAL.
: International Computer Driving License (ICDL) (Oct. 2008).
: Trainings at:

- Cairo North Power Station (2010).
- Egemac Co. (2009).
- Petrojet Co. (2008).
- Shoubra Power Station for operating (2007).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Nov. 2016 till now
Employer : EHAF Consulting Engineers
Projects :

- Albrouj Residential Compound:
 - Project Description: In Shorok City 28987 Total Units Built in Built up Area 884844.43 M² of Total Project Area of 2101174.28 M² - Consist of Villas, Town Houses and Towers and Total Service Area of 456611.68 M².
 - My Role: Mechanical Design Team Leader.
- Dhofar Hotel:
 - Project Description: 4 Stars Hotel in Salalah-Oman Total Built up Area 6,720.00 m² - 2 Basement, Ground floor, 4 Typical floors, Lower roof, roof, upper roof (total no. of rooms: 125 Guest rooms).
 - My Role: Mechanical Team Leader.

Job title : Senior Mechanical Design Engineer

Dates : From May 2014 till Nov. 2016
Employer : Engineering Consultants Group S.A (ECG)
Projects :

- Qatar Emiri Naval Forces Base Buildings Package:
 - Project Description: The overall goal of the project is to construct the Qatar emiri naval base project with total number of building, car parking and sheds equal to 166 and total build up area of 486075 m².
 - My Role: Design Compressed Air & Medical Gases and Drainage Systems.
- Two Towers in Lusail Area (REVIT 2014):
 - Project Description: The project comprised the design of two mixed use towers of plots (5870m²) located in the corner of two major roads within the development. The total Built-up Area: 20545 m².
 - My Role: Design Fire Fighting System.
- Cairo International Medical City (REVIT 2014):
 - Project Description: On a land area of 138,258 m², the medical city includes the hospital's main building (footprint of 14,720 m²), as well as an academic research center, psychiatric unit, wellness park, hotel, wellness resort, health club, medical mall, and staff accommodation units. ECG's scope encompasses the design of the hospital's main building. With a built-up area of 73,600 m², the 360-bed hospital comprises a two-level basement, ground floor, and four upper floors.
 - My Role: Design Drainage System.
- NEW CHEMICAL PLANT AT WADI AL-NATROUN:
 - Project Description: The client intends to construct a new chemical plant on a land area of approximately 38,000m². The allowable footprint area shall be 26% of total land area, and the maximum height shall be 15m. The new chemical plant shall be designed to include the following components: production and drumming unit buildings; administration building(s); power and substations; nitrogen/air generators; wastewater treatment plant and pump room; air-conditioned secondary raw material warehouse; monomers storage area; firefighting foam system and storage;

- fire water tank/raw water tank; and fire pump room.
- My Role: Complete Design for Chemical Storage Tanks Fire Protection System using Monitors and Dike Protection using Foam Pouter with Complete Hydraulic Calculations using Elite Fire Software.
- MOUNTAIN VIEW KUWADICO:
 - Project Description: On an area of approximately 216 feddans, the project will be developed as a mixed-use development. The scope of work involves design of infrastructure for the site, plus all utility buildings, as well as MEP design for 10 types of buildings (basement + ground floor + first floor + 25% roof).
 - My Role: Design Plumbing System.
- DESIGN CONSULTANCY SERVICES FOR ADNOC PETROLEUM INSTITUTE INFRASTRUCTURE:
 - Project Description: ADNOC intends to construct a new petroleum institute at Sas Al-Nakhl to accommodate the anticipated growth in student enrollment. ADNOC has thus sought the services of ECG for the design of infrastructure networks at the new campus. Networks include water supply, sewerage, storm water, irrigation, solid waste disposal, and power supply networks, as well as utility buildings. The area planned to be served is 682,430 m².
 - My Role: Design Plumbing System.
- AL-REHAB SHOPPING CENTER (9TH & 10TH ZONES) REVIT 2012:
 - Project Description: The project comprises a supermarket, food court, fast-food hall, retail shopping center, showrooms, and service shops. It also comprises an outdoor landscaped area with water features. The project's plot area is 29,416 m².
 - My Role: Design Plumbing System.
- MADINATY OFFICE PARK PROJECT (REVIT 2016):
 - Project Description: 14 Buildings with Different Application Residential & office and Clinics Over Large Basement.
 - My Role: Design Fire Fighting System.
- EMAL ADMINISTRATIVE COMPLEX:
 - Project Description: EMAL Administrative Complex is built on a plot area of 68,000 m². The complex comprises 12 buildings that include an administrative building (G + 1), reception building (G + 1), mosque and ancillary buildings.
 - My Role: Design Plumbing System.
- RENOVATION WORKS IN CAIRO STADIUM:
 - Project Description: Works include renovations to the equestrian stadium (8,400 m²); 6 services towers + 2 floors in the seventh tower; locker rooms & toilets within the Indoor Halls Complex; Halls 2, 3, and 4 (painting of the walls and floors); Ping Pong Hall to courts level within the Indoor Halls Complex (520 m²); Halls 3 and 4 (changing the flooring; 1,750 m² per hall); audience chairs for Halls 1 and 2 (20,000 chairs per hall); the pentathlon lounge below the bridge; Gate 2 of the Indoor Halls Complex (800 m²).
 - My Role: Design Plumbing System.

Job title : Senior Mechanical Design Engineer

Dates : From Jun. 2013 till May 2014

Employer : Focus for Engineering Services (Bin Laden Group)

- Projects** :
- Bridge at JABAL AL-KAABA:
 - Location: MAKKAH, K.S.A.
 - Description: HIGH ELEVATION BRIDGE.
 - Task: SHOP DRAWING Plumbing and Firefighting Systems.
 - My Role: Shop Drawing of DRAINAGE System and Firefighting System.
 - Bridge at Umm AIQura-UM:
 - Location: MAKKAH, K.S.A.
 - Description: HIGH ELEVATION BRIDGE
 - Task: SHOP DRAWING Plumbing and Firefighting Systems.
 - My Role: DRAINAGE System Sections.
 - QUSHASHIAH TUNNEL FAN STATION (1 & 2):
 - Location: MAKKAH, K.S.A.
 - Description: FAN STATION & Sub Electric Building for Tunnel.
 - Task: SHOP DRAWING Plumbing, Hvac and Firefighting Systems.
 - My Role: Shop Drawing of DRAINAGE System.
 - Ramp Behind Kudai:
 - Location: MAKKAH, K.S.A.
 - Description: RAMP CONNECTING KUDAI ROAD AT LEVEL 300 WITH MAIN ROAD.
 - Task: SHOP DRAWING Plumbing and Firefighting Systems.
 - My Role: Shop Drawing Of DRAINAGE System.
 - KUDAI STATION:
 - Location: MAKKAH, K.S.A.
 - Description: BUS STOP AND CAR PARKING STATION CONNSISTS OF FIVTH FLOORS.
 - Task: SHOP DRAWING Plumbing, Hvac and Firefighting Systems.
 - My Role: Shop Drawing of DRAINAGE System and WATER SUPPLY System.

Job title : Technical Office Engineer

Dates : From Aug. 2012 till Jun. 2013

Employer : Expertise Design Consultant (EDC)

- Projects** :
- Al Megarain Family Palace, Riyadh, KSA:
 - Location: Riyadh, K.S.A.
 - Description: Contains Of 5 Buildings (Main Villa & Mosque & Majles & Lobbers Buildings & Duplex Villa and Tanks). Main Villa Contains (Basement, Ground, First, Roof). Mosque Contains (Ground & Roof Floor). Majles There Are 8 Types Such As Man Sittings, Women Sittings, Boys Sittings, Dinning Sittings ...Elect). Duplex Villa Contains (Ground, First and Roof Floor). Lobbers Workers Contains (Ground Floor and Roof Floor).
 - My Role: Design the External Water Network System and the External Drainage Network System and Internal Water and Drainage Systems.
 - Administrations Port of Jeddah:
 - Location: Riyadh, K.S.A.
 - Description: Contains of 13 Stories.
 - My Role: Design and Shop Drawing Water Supply & Drainage.
 - Residential Port of Jeddah Project:
 - Location: Riyadh, K.S.A.
 - Description: Contains of (Ground, First, Second and Roof Floor).

- My Role: Design and Shop Drawing Water Supply & Drainage System.
- New Damietta University:
 - Location: Damietta, Egypt.
 - Description: Contains of (Ground, First, Second, Third and Roof Floor).
 - My Role: Design Water Supply System.
- King Fahd Project:
 - Location: Riyadh, K.S.A.
 - Description: Contains of Three Basement and 24 Floors above it.
 - My Role: Design and Shop Drawing Water Supply & Drainage and Fire Fighting System.
- Arar Mall Project:
 - Location: Arar, K.S.A.
 - Description: Contains of (Basement, Ground, Mezzanine and Roof Floor).
 - My Role: Design Water Supply System, Drainage and LPG System.
- Alhabib Compound:
 - Location: Riyadh, K.S.A.
 - Description: Contains of Seven Type of Building Type (A, A1, A2) which this Types Consists of 27 Units and Type (B, B1, B2) which this Type Consists of 40 Units and Type (C) which Consists of 3 Units.
 - My Role: Design Hvac & Water Supply and Drainage System.
- Modern Villa:
 - Location: Riyadh, K.S.A.
 - Description: Consists of (Basement, Ground, First, Second and Roof Floor).
 - My Role: Design Water Supply System and Drainage System.
- Haki Project:
 - Location: Riyadh, K.S.A.
 - Description: Consists of (Ground, First and Roof Floor).
 - My Role: Design Water Supply System and Drainage System.
- Saad Mugairin Palace:
 - Location: Riyadh, K.S.A.
 - Description: Consists of Club Building, Guest and Main Villa.
 - My Role: Design Water Supply System and Drainage System.

Job title : Mechanical Design Engineer

Dates : From Apr. 2011 till May 2012

Employer : Egyptian Armed Forces

Project : Military Service

Job title : IT Engineer

Dates : From Jul. 2010 till Apr. 2011

Employer : Dr. Hussien Faried Consultant Office

Project : El Shmumaici Project:

- Location: Jeddah, K.S.A.
- Description: B#42 (Men Arrival Hall Buildings) & B#32 (Men Departure Hall Building), B#25 (Main Kitchen).
- My Role: Shop Drawing of Water Supply System & Firefighting System.

Job title : Mechanical Design & Shop Drawing Engineer

Field of experience :

- Capable of making Complete Design and Shop Drawing for Water Supply System.
- Capable of making Complete Design and Shop Drawing for Drainage System.
- Capable of making Complete Design and Shop Drawing for Fire Fighting Systems.
- Capable of making Complete Design of Low & Medium Expansion Foam System.
- Capable of making Complete Design for LPG System.
- Good knowledge about HVAC System Design.
- Capable of making Complete Design for Medical Gases and Compressed Air Systems.
- Good knowledge about Qatar & Saudi Arabia & Abu Dhabi & Kuwait regulations.