

103527-MEC-14568DGH-E-1985
HVAC Consultant Engineer

Holds a B. Sc. in Mechanical Power Engineering and has about 32 years experience in design, technical sites support, supervision, technical transmittals approvals and management of air conditioning and refrigeration systems for residential, commercial and office buildings, hospitals, hotels, high rise towers, petroleum substation plants and housing compounds as well as rehabilitation works for major heating, ventilation and air conditioning systems HVAC, chilled water systems (air cooled, water cooled and absorption system), DX-Air conditioning systems, pumping station, cooling towers, ventilation systems (garages, hospitals, stores and petroleum substation plants) as well as the technical evaluation of the mechanical equipments.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 22/11/1962
Gender : Male
Residence : Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Zagazig University, 1985

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: HVAC System Programs & Software

TRAINING COURSES AND CERTIFICATIONS

: Refrigeration and Air condition Consultant Engineer (Engineers Syndicate - Egypt).
: Carrier Applied Chilled Water System Design Course.
: Carrier Testing, Commissioning and Projects Hand Over Course.
: YORK - ELITE Program for HVAC Load Estimation.
: CARRIER - E20 II - Block Load Calculations.
: Excel Program for Load Estimation (Btu Sheet).
: Excel Program for Pump Friction Head Estimation.
: Excel Program for Fan External Static Pressure.

- : Excel Program for Duct weight Calculations.
- : Excel Program for Piping and Valves Cost Calculations.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2016 till now

Employer : MCG Mansour Consultancy Group S.A. (MEP Mechanical, Electrical and Plumbing Engineering), Cairo

Projects :

- Administrative and Residential Buildings:
 - Al Masha Villas (MEP Works JV with Pioneer Office) – New Capital Admin., Cairo
- Hotels and Resorts:
 - Boulevaro, Alriyadh – (HVAC Consultancy Works) – Riyadh, KSA
 - Chouifat Hotel – (HVAC Cont. Tech. Support) – Cairo
- Industrials:
 - Burulus Gas Plant – (HVAC Consultancy Works) – Burulus, Alexandria
 - Ammonia & Urea Fertilizer Project (KIMA) – (HVAC Consultancy Works) – Aswan City, Upper Egypt
- Data Center:
 - MODA Data Center – New Capital Admin., Cairo

Job titles : Partner and Managing Director, HVAC Consultant Engineer

Job Description : Responsibilities include supervision of design activities for HVAC works ensuring compliance with codes and standards, technical sites support, supervision, technical transmittals approvals, planned objectives and satisfaction to client.

Dates : From 2015 till 2016

Employer : AMG Alamar Consultants Group S.A., Cairo

Projects :

- Commercial Centers and High Rise Towers:
 - La Place (Mall & Hotel) – Cairo
- Administrative and Residential Buildings:
 - Cairo Festival City (CFC) Residential Buildings – Cairo
 - Smart Village Company Building – Giza
- Banks:
 - Refurbishment of Arab Bank Branches in Maadi – Cairo

Job titles : Deputy Mechanical Department Manager, HVAC Consultant Engineer

Job Description : Responsibilities include supervision of design activities for HVAC works ensuring compliance with codes and standards, technical sites support, supervision, technical transmittals approvals, planned objectives and satisfaction to client.

Dates : From 2005 till 2015

Employer : ECG Engineering Consultants Group S.A., Cairo, Egypt

Projects :

- Commercial Centers and High Rise Towers:
 - Osama Commercial High Rise Tower – Kuwait
 - Nozha City Center – Cairo
 - Mall of Arabia – Cairo
 - Palestine Street Mall – KSA

- Al Houfoof Mall – KSA
- South Sector Center Retail & Commercial Facilities – Madinaty – Cairo
- Greater Nile Petroleum Operating Company New Head Office Building – Sudan
- King Abdullah Financial District – Package 1c – KSA
- Administrative and Residential Buildings:
 - Administrative & Residential Buildings + Sporting Club - Misr for Clearing
 - Osool Administration Building
 - Design For Information Technology Industrial Authority Headquarter
 - Eldomiatty Administration Building
 - National Post Authority Office Building
 - Raya Office Building at Smart Village
 - Administration Building for Piraeus Bank
 - PM & Construction Supervision For Been Alkasrein Project
 - Administration Building, Smart Village
 - Beltone Financial Offices
 - Two Office Building at Smart Village
 - EFG Herms New Office Block, Smart Village
 - Hc Securities & Investment Office Building - Smart Villag
 - PM Consultant for Petrodar Operating New Office Building
 - Namaa Multi-Storey Office Building
 - Elsewedy Cables Office Building
 - Domiatec Packing Plant – Beheira
 - Housing and Development Bank Head Office
 - CPE AND IEP – Algeria
 - General Dewan of HELWAN
 - ALGHADEER PROJECT – UAE
 - Quality Control for the Construction of Madinaty Several Components
 - Design Services for MADINATY Projects
- Hotels and Resorts:
 - Refurbishment of Hilton Hotel
 - Sea Breeze Apartment Resort
 - Cairo International Airport Hotel – Airtel - (LE MERIDIEN)
 - Refurbishment of 5 Hotels in Kenya
 - Project Management of the Meridien Pyramids Hotel Renovation
 - Assessment Appraisal of Shepherd Hotel
 - Restoration of Sofitel Cataract Hotel, Aswan
 - Consultancy Services for the Renovation of Park Hyatt, Cairo
 - New Winter Palace Hotel in Luxor
 - Millennium Resort Hotel, Rh002 - Mina Al-Arab – UAE
 - Emak Aqaba Sharm Elsheikh Resort
 - Refurbishment of Luxor Hotel in Luxor City
- Airports:
 - Control Tower for Alarish Airport
 - Construction Supervision for the Extension of Marsa Alam Airport
 - Borg Elarab Intel Airport Modernization - Phase II
 - C-130 Hangar
 - Control Tower for Luxor Airport
 - Construction Supervision of Tb3

- Sporting Clubs:
 - Renovation of Mena House Oberoi Golf Course & Golf Club House
 - Madinaty Sporting Club
 - Design of National Post Organization Club
- Banks:
 - Refurbishment of CIB Branches in Egypt
 - Deutsche Bank Ag Office in Cairo
 - HSBC Bank New Head Office
 - Central Bank Headquarters Building
 - Arab Bank Retail Branches Outfitting
 - Construction and Upgrading Of National Bank – Greater Cairo Branches
 - Pm Consultant for National Bank Headquarters Buildings (Cairo Plaza North and South High Rise Towers)
- Industrials:
 - Kureimat Power Station Quantity Take-Off Project
 - Electro-Mech. Hydropower Installation at Damietta Barrage
 - Extension of Jotun Painting Manufacturing Plant
 - Construction Supervision for Emergency Plan
 - Energya Extra High Voltage Cables Factory
 - Alexandria Chemical Terminal Plant
 - Halliburton Workshop
- District Cooling Plant:
 - Tender Evaluation for Katameya Down Town District Cooling Plant
 - Tender Evaluation for Smart Village District Cooling Plant Phase II
 - Medical Complex, MODA - KSA
- Hospitals:
 - AD dammam International Specialty Hospital – KSA
 - Refurbishment of Children Cancer Hospital Section (57357) at ALHELAL Hospital in Tanta.
 - Alexandria University Hospital
 - Medical Complex, MODA - KSA
- Data Centers:
 - Network Information Center - Kasr Abdeen
 - Telephone/Data Exchange Buildings in Madinaty, Cairo
 - Building # MB3 - MAADI Call Center
 - Network Information Center - Kasr Abdeen
 - Building # MB4&MB5 - MAADI Call Center

Job titles : Deputy HVAC Department Manager, HVAC Consultant Engineer

Job Description : Responsibilities include supervision of design activities for HVAC works ensuring compliance with codes and standards, technical sites support, supervision, technical transmittals approvals, planned objectives and satisfaction to client.

Dates : From 1998 till 2005

Employer : Technica for Engineering's Projects Co., Cairo, Egypt

Projects :

- Commercial Centers:
 - Regus Business Center, Arkadia Building
- Administrative and Residential Buildings:
 - CEDARE, Headquarters Building, Heliopolis
 - Organization and administration Building, Nasr City
 - Petrobel Company Head Office Extension Building, Nasr City

- Ministry of public works A/C Centrifugal Plant
- Hotels and Resorts:
 - Hard Rock Café, Meredien
 - Mekady Beach Ibrotel, Hurghada
 - Mekady Beach Ibrotel (3), Hurghada
 - Aida Hotel, Phase I and II, Hurghada
 - Zaafarana Windsor Hotel, Zaafarana
 - Completion & Commissioning for Sheraton Royal Gardens, Giza
 - Palmariva Tourist Village, Sharm ElSheikh
- Sporting Clubs:
 - Petroleum Sport City, New Cairo
 - Club House, Golf City, ElOubour
 - Covered Gymnasium Qena City for Ministry of Youth & Sports
 - Suez City Ministry of Youth & Sports, Suez
- Industrials:
 - Ventilation System for Family Nutrition Factories, 10th of Ramadan City
 - Central Air Cooled A/C System for Transgulf, Ras Bakr
 - Midor Buildings, Phase 2, Alexandria
 - The Control Room and Switchgear Room of LPG Project
 - General Petroleum Company, Amereya, Alexandria
- Hospitals:
 - Central Air Cooled A/C System for AlManial Hospital, Cairo
- Educational, Museums and Theaters Buildings:
 - High Institute of Child Art, Giza
 - Museum of Mahmoud Khalil, Giza
 - Cinema Revoly, Cairo

Job titles : Assistant General Manager, Executive Manager

Job Description : Duties include design, quality survey, cost estimation, review of drawings and specifications, preparation of shop drawings and projects documents, budget, projects mobilization for installation, preparation of tender evaluation, reports, materials submittal of technical data sheet. Also, participated in the design review of HVAC systems.

Dates : From 1995 till 1998

Employer : EL-TOONSI Est. for Central Air Conditioning, JEDDAH, KSA

Projects :

- Commercial Centers:
 - Toonsi Super Market, Makkah
 - El Hadaf, Ford Cars show room, Jeddah
- Residential Buildings:
 - Prince Tarfah Palace, Jeddah
 - Several private villas for Pilots, Jeddah
 - Several private villas, Dort elaroods, Jeddah
- Industrials:
 - El Hade, Ford Cars Workshop & Show room, Jeddah
- Hospitals:
 - Toonsi Hospital, Makkah

Job title : Executive Manager

Job Description : Duties include design, quality survey, cost estimation, review of drawings and specifications, preparation of shop drawings and projects documents, budget, projects mobilization for installation, preparation of tender

evaluation, reports, materials submittal of technical data sheet. Also, participated in the design review of HVAC systems.

- Dates** : From 1992 till 1995
- Employer** : EMITCO Est., RIYADH, KSA
- Projects** :
- Commercial Centers:
 - Euro Marsha Market, Riyadh
 - Administrative and Residential Buildings:
 - Prince Sultan Palace, Riyadh
 - Baket Bayoumy Villa, Riyadh
 - Several private villas, Riyadh
 - Airports:
 - Riyadh Air Base, Riyadh
 - Industrials:
 - ElBayan Factory, Riyadh
 - ElBayan Factory, ElKarj
 - Hospitals:
 - National Guard Hospital, Riyadh
 - Educational Buildings:
 - King Faisal Air Academy, Riyadh
- Job title** : Deputy HVAC Section Head
- Job Description** : Responsible for design review of HVAC systems. Duties include design, quality survey, cost estimation, review of drawings and specifications, preparation of shop drawings and projects documents, budget, projects mobilization for installation, preparation of tender evaluation, reports, materials submittal of technical data sheet.
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- Dates** : From 1988 till 1992
- Employer** : Ministry of Defense and Aviation (MODA), Dammam, Saudi Arabia
- Job title** : HVAC Senior Engineer, HVAC Engineering Department
- Job Description** : Responsible for design of HVAC systems for MODA/Military City, Dammam, Omelsahak, Saudi Arabia. Duties covered design, quality survey, cost estimation, review of drawings and specifications, preparation of shop drawings and projects documents, budget, projects mobilization for installation, preparation of tender evaluation, reports, materials submittal of technical data sheet.
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- Dates** : From 1985 till 1988
- Employer** : Egyptian Army
- Project** : Military Service