

Holds a B. Sc. in Mechanical Power Engineering and has over 13 years hands-on experience working in HVAC field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 09/02/1980
Gender : Male
Marital Status : Married
Residence : Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Helwan University, 2002
: High School: Ibn Khaldon

LANGUAGES

Arabic : Native Language
English : Fluent
German : Basics

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Frontpage
: AutoCAD
: Photoshop

TRAINING COURSES AND CERTIFICATIONS

: Training in Carrier Korea (Gwangju Factory) on Absorption Chiller which make with Natural gas (operation & maintenance).
: Training course in Refrigeration & Air Conditioning 1, Rizk Brothers Co. for Refrigeration Gas & Equipment.
: HVAC Design (Cooling load, Duct design, Piping design, Ventilation, pump selection, Fan Selection), Engineering Syndicate.
: 4001 Fundamental HVAC Control Strategies of the US Embassy, BAS Course in USA.
: HVAC Course at AUC:

- Computer Aided Design (HVAC part I).
- Computer Aided Design (HVAC part II).

- : Advanced facility Maintenance and management workshop, Projacs Academy.
- : Summer training in the fields of Air Conditioning (Power Sas) (2000).
- : AutoCAD 2D

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Sep. 2010 till now
Employer : USA Embassy Cairo – Egypt
Job title : Maintenance Engineer
Job Description :

- Deputy to the Senior Maintenance Supervisor in direction of multi-craft tasks required for operation, maintenance, and repair of facilities and infrastructure within the embassy compound to include both routine and emergency response.
- Responsible for activity of all facilities craftsmen serving the embassy compound in the absence of the senior maintenance supervisor.
- Assign approved work orders and schedule preventive maintenance work to staff and oversees their completion.
- Ensure the scheduled maintenance tasks are completed in an accurate and timely manner.
- Perform periodic checks, maintenance, and repairs on various systems, components, and equipment including chillers, cooling towers, pumps (chilled, condenser, domestic and sewage), BMS, Air Handling Units, refrigerators, freezers and plumbing system.

Dates : From Aug. 2009 till now
Employer : Consultant Office (ELECMA Consult)
Job Description : Part time in consultant office for HVAC design, including BTU sheet, A.H.U.s zoning, air balance, schematic and control drawings, duct & pipe design and drawings and duct fixture, Contractors Evaluation, review shop drawings and As Built drawings, review submittals and supervise & inspect contractors work.

Dates : From Sep. 2007 till Aug. 2010
Employer : Sigmatech Pharmaceutical Industries – Egypt
Job title : HVAC Section Head
Job Description :

- Validation for Sterile Area (HVAC Commissioning, IQ, OQ & PQ).
- Air Balance for Sterile area.
- DOP Test for HEPA Filter.
- Review HVAC design and submittals for our new factory (Betta lactam) factory.
- Supervise, coordinate, monitors and inspect the contractors work for new installation and receive work according to design specification.

Dates : From Feb. 2004 till Sep. 2007
Employer : Egyptian International Pharmaceutical Industries Co. (EIPICO) – Egypt
Job title : HVAC Engineer

- Job Description** :
- Maintenance Engineer in HVAC&R: Centrifugal chillers, centrifugal pumps, cooling towers, boilers, AHU and clean room central air conditioning.
 - Installation Engineer for:
 - Our new machine room which consist of 2 Absorption Chillers & 2 primary pumps & 2 Condenser pumps & 2 cooling towers and 5 secondary pumps (piping & valves and insulation).
 - Our new area which including assembly of A.H.U.s & ducts & chilled water piping & hot water piping & insulation for ducts and piping.