

Holds a B. Sc. in Mechanical Power Engineering and has about 12 years hands-on experience working in HVAC and design field and became a Project Manager.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 06/06/1981
Gender : Male
Marital Status : Single
Residence : Nasr City, Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Ain Shams University, 2005

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet
: AutoCAD 2D
: MS Project

TRAINING COURSES AND CERTIFICATIONS

- : HVAC Design from Engineering Syndicate (from Feb. 2010 till Apr. 2010), consist of:
 - A/C Load estimation.
 - A/C system.
 - Sheet metal air duct design.
 - Air out let selection.
 - Ventilation System design.
 - Cold room and freezing Store Cooling Load estimation.
 - Chilled water System Design.
 - Building Management System (BMS).
 - Hap 4.2.
- : AutoCAD 2007, Egyptian Military Center (Feb./Mar. 2009).
- : Carrier courses in HVAC design systems from Hazem Barakat Training Center - MIRACO, consist of:
 - Manual heat load calculation.

- Load estimation using E-20 program (Block Load).
- Load estimation using HAP program.
- : Engineering Syndicate courses in plumbing system design, consist of:
 - Supply water system calculation.
 - Drainage water system design.
 - Rain water design.
- : Project Management (IPMA) preparation course at Emend Center, consist of:
 - Project time management.
 - Project cost management.
 - Project life cycle.
 - Project control management.
 - Project risk management.
- : Training at Belayim Petroleum Company (Jul./Aug. 2003).
- : Training at Arab Contractors (Aug./Sep. 2002).
- : Training at PETROgas Company (Qatamia factory) (Jul./Aug. 2004).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jul. 2006 till now
- Employer** : El-Hamd Contracting Company
- Projects** :
- Finance and Foreign Trade Ministry towers in Nasr City (Central air condition: AHU, FCU, FANS, PIPING, DUCT WORK, etc.)
 - Interior Ministry (National Security Department) in Nasr City (Central air Condition: PUMPS, AHU, FCU, FANS, PIPING, DUCT WORK, etc.)
 - Guidance building of Suez Canal Authority in Ismailia (700 ton refrigerant central air condition: CHILLERS, PUMPS, AHU, FCU, FANS, PIPING, DUCT WORK, etc.)
 - Osoul office building in 5th district (500 ton refrigerant central air condition: CHILLERS, PUMPS, AHU, FCU, FANS, PIPING, DUCT WORK, etc. and fire fighting sprinkler system include pumps, pipes, sprinkler, fire hydrant and also plumbing system include drainage and water supply)
 - B&C Pharmaticual Company in 10th of Ramadan (1100 ton refrigerant central air condition: CHILLERS, PUMPS, AHU, FCU, FANS, PIPING, DUCT WORK, etc. and fire fighting system include pumps, pipes, fire hydrant)
 - National Investment Bank in Smart Village (500 ton refrigerant central air condition: PUMPS, AHU, FCU, FANS, PIPING, DUCT WORK, etc.)
 - Alexandria Bank – main branch (central air condition: AHU, FCU, FANS, etc.)
 - Mansoura University Medical Center (650 ton refrigerant central air condition: CHILLERS, PUMPS, AHU, FCU, FANS, PIPING, DUCT WORK, etc. and Fire fighting sprinkler system include pumps, pipes, sprinkler, fire hydrant)
 - Press building of Central Bank of Egypt (180 ton DX air condition: AHU, DX Condensing units, FANS, etc.)
 - Engineering Syndicate – Tanta branch (230 ton refrigerant central air condition: DX UNITS, DUCT WORK, etc.)
 - Nile TV studios in Cairo (65 ton refrigerant central air condition: AHU, PIPING, DUCT WORK, etc.)

Job titles	:	<ul style="list-style-type: none"> • Dr. Tarek Hegi villa in Obuor • Eng. Salah Hassan villa in 5th district • Project Manager (from Feb. 2012 till now) • Mechanical Site Engineer (from Jul. 2006 till Jan. 2012)
Job Description	:	<ul style="list-style-type: none"> • Installation and supervision of electro-mechanical equipment. • Identify the engineering needs for the project and make arrangements for engineering staff and equipment to be available when required. • Support and assist in the setting out and engineering activities to meet the needs of the project as work progresses. • Ensure all engineering inspections and tests are carried out and results are satisfactory. • Prepare Quality Plans and short term programmes when required. • Review, understand and control engineering information. • Ensure drawings are up to date and available as and when required. • Studying and pricing the high standard projects. • Reappearing the technical submittals and shop drawing. • Design the small and medium HVAC projects. • Check up for HVAC system design and re-design if needed. • Check the cost and billing for the projects. • Monitoring sub-contractors to ensure guidelines are maintained.
Dates	:	From Nov. 2005 till Jun. 2006
Employer	:	Arab Consultants Group
Projects	:	<ul style="list-style-type: none"> • Dr. Mohamed Hassan villa in October City (42 ton DX split concealed air Condition: concealed units, FANS, PIPING, DUCT WORK, etc.) • TAT Tourism Company building in hHurghada (240 ton DX air condition: AHU, DX Condensing units, FANS, Copper PIPING, DUCT WORK, etc.) • El Masria for plastic product factory in 10th of Ramadan (275 ton refrigerant central air condition: CHILLERS, PUMPS, AHU, FCU, FANS, PIPING, DUCT WORK, etc. and fire fighting sprinkler system include pumps, pipes, sprinkler, fire hydrant and also plumbing system include drainage and water supply) • Mr. Akmal Bahgat villa in October City (30 ton DX split concealed air Condition: concealed units, FANS, PIPING, DUCT WORK, etc.) • Ministry of youth and sports building in Minia (120 ton refrigerant central air condition: CHILLERS, PUMPS, AHU, FCU, FANS, PIPING, DUCT WORK, etc. and firefighting system include pumps, pipes, fire hydrant) • Ministry of supply and internal trade building in Qena (160 ton DX air condition: AHU, DX Condensing units, FANS, Copper PIPING, DUCT WORK, etc.) • El Watania factory in Borg El Arab (300 ton refrigerant central air condition: Chillers PUMPS, AHU, FCU, FAN, PIPING, DUCT WORK, etc.)
Job title	:	Mechanical Design Engineer
Job Description	:	<ul style="list-style-type: none"> • Design the small and medium HVAC projects. • Design the small and medium Firefighting projects. • Assist in design plumbing projects. • Ensure drawings are satisfactory and available to install. • Supervision on the projects. • Estimation the projects.