

Holds a B. Sc. in Mechanical Power Engineering and has about 14 years hands-on experience working in HVAC field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 30/04/1976
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Mechanical Power Engineering, Helwan University, 2002

LANGUAGES

Arabic : Native Language
English : Very Good
French : Fair

COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet
: AutoCAD
: HAP
: Duct Size
: Pipe Size

TRAINING COURSES AND CERTIFICATIONS

: PMP (Project Management Professional) 35 Hours training – Exam Preparation Course in Saudi Council of Engineers.
: OSHA Safety - 30 Hours Training Course (Construction safety & Health Standard) in Saudi Council of Engineers.
: OSHA First Aid Training in Saudi Council of Engineers.
: Operation & Maintenance training for Chillers, AHUs & FCUs by Carrier Company in Khafji – KSA.
: BMS (Building Management System) training by Honeywell Company in Khafji – KSA.
: FM200 (Fire Suppression System) training by Heba Fire & Safety Company in Khafji – KSA.

- : Operation & Maintenance training for pumps by KSB Company in Khafji – KSA.
- : Design of HVAC systems course in Syndicate of Engineers in Cairo.
- : Design of Fire protection systems course in Syndicate of Engineers in Cairo.
- : Design of plumbing systems course in Syndicate of Engineers in Cairo.
- : Design of HVAC systems course in SMG Company in Cairo.
- : Design of Fire protection systems course in SMG Company in Cairo.
- : Air conditioning training by LG Company in Riyadh – KSA.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Dec. 2011 till now
- Employer** : AMCO - Almashariq Contracting Company (Dammam – KSA)
- Job Description** :
- Electrical Substations (132/13.8KV) (Qty.4), Riyadh – KSA (from Feb. 2014 till now):
 - Position: Sr. MEP Engineer.
 - Supervision on the Electro Mechanical Works (HVAC, Fire Fighting, Plumbing, Fire Alarm & Fire Detection) at the site.
 - Mechanical Design Coordinator.
 - Review the technical Material Submittals.
 - Review Shop drawings.
 - Review the technical documents.
 - Attend the meetings with client.
 - Coordination between electro mechanical works and the other disciplines.
 - Construction of Bachelors Quarters, MTD, Aviation Buildings (Al-Khafji – KSA) (from Dec. 2011 till Feb. 2014):
 - Position: Senior Mechanical Engineer.
 - Installation & Supervision with big team for all the mechanical works at site such as:
 - HVAC works (Chillers (290 TR), AHUs & FCUs, VAVs, Exhaust Fans, Ducts work, etc....).
 - Chilled Water Pumps.
 - BMS, Building Management System.
 - Fire Protection Systems (FM200 system - Sprinkler system (copper pipes).
 - UTILITIES Works such as:
 - Underground Pre-insulated RTR Pipes for chilled water.
 - Underground RTR Pipes for potable water.
 - Underground GRP Pipes for storm water.
 - Underground RCP Pipes
 - Underground Sewage PVC Pipes, Manholes, Inspection Chamber, Catch basin, Neutralization tank, Oil Separator.
 - Fire Hydrants.
 - Valves Boxes (GV, ARV, BGV, DV, PRV, CV...).
 - Disinfection Process for Potable water Pipes Network.
 - Plumbing works in all buildings.
 - Cold store.
 - Irrigation system.
 - Air Compressed System.

- Hydraulic dock levelers (loading capacity 14,000 kg).
- Generator Equipment.
- Testing & commissioning for all mechanical works at the site.
- Preparation of weekly & monthly reports.
- Review for BOQ with tender drawings.
- Review Mechanical Shop Drawings.
- Review Mechanical Material Submittals.
- Coordination of mechanical works with other disciplines.
- Preparation Mechanical Work Invoices.
- Review method statements for mechanical works with Mech. QC.
- Preparation material requests (MR) & review Purchase orders (P.O) for materials.
- Attend the meetings with Client, PMC and consultant.

Dates : From May 2010 till Oct. 2011
Employer : Sarah Attqnia Contracting Company (KSA - Riyadh)
Project : One hotel tower consist of 17 floors each floor (870 M2), Makkah
Job title : Mechanical Site Engineer
Job Description : Installation for all mechanical works at site such as:

- HVAC works, Fire fighting systems works, Plumbing works, Pumps.
- Elevators works.

Dates : From Mar. 2008 till Apr. 2010
Employer : APTC Contracting Company (Dammam – KSA)
Project : Veterinary Medicine College - 3 floors included parking each floor 13,000 m2 (Alhasa (Al Hofouf) – KSA)
Job title : Mechanical Engineer
Job Description :

- Supervision on the installation for all mechanical works at site such as:
 - HVAC works (Chilled Water System).
 - BMS.
 - Fire Fighting Systems (Sprinkler System (Carbon steel pipes), FM200).
 - Plumbing works (Drainage -Water supply- Storm water) systems for all building.
 - Pumps (different types).
 - Elevators (Qty. 6), duplex & simplex types (different capacities).
 - Air compressed system for laboratories.
 - Air Vacuum system for laboratories.
 - LPG network for laboratories.
 - Generator Equipment.
 - Solar heater system for heating of water supply.
- Preparation of weekly reports.
- Preparation of Mechanical Material Submittals.
- Preparation of Mechanical Shop Drawings.
- Coordination for mechanical works with other disciplines.
- Review technical documents.
- Preparation Mechanical Works Invoices.

Dates : From 2005 till 2007
Employer : SEMECO Electro-mechanical Company (Riyadh – KSA)

Project : Infrastructure (external site works, chillers plant building, pump house building, Switchgear building) (Alhasa (Al Hofouf) – KSA)

Job title : Mechanical Site Engineer

Job Description :

- Installation & Supervision for all mechanical works at site such as:
 - HVAC, Chilled Water System (Chillers 3,150 TR, Cooling tower, Pumps, AHUs, Duct works, etc.....).
 - Pumps house (Diesel Pumps & Electrical Pumps).
 - External site works (Concrete water tanks (3,000M3), Water networks for (RW, SW, IW).
 - Plumbing works inside buildings.
- Coordination for mechanical works with other disciplines.

Dates : From 2003 till 2005

Employer : Union Air International Company (Cairo)

Job title : HVAC Engineer

Job Description : Installation & Maintenance for Air Conditioning Units (A/C).