

Holds a B. Sc. in Mechanical Engineering and has over 7 years hands-on experience working in construction and HVAC.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 15/05/1989
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Engineering, Alexandria University, 2011

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: HAP (Hourly Analysis Program)
: Duct sizer for Ducting
: Piping design program
: EES (Engineering Equation Solver)
: Automation Studio (simulation of hydraulic circuits)

TRAINING COURSES AND CERTIFICATIONS

- : Trainings at:
- The Office of Dr. Mamdouh Hamza Associates Consulting Engineers, location: Alexandria Library in firefighting system and air conditioning (summer 2008).
 - Venus International Company free zone for the circulation of grain and marine equipment (full maintenance for five diesel generators) (summer 2009).
 - Egyptian Copper Company, hydraulic system (summer 2009).
 - Amriya Oil Refining, pump and compressor maintenance (summer 2010).

- Sidi Krir Power Station (summer 2010).
- Egyptian European Plastic Industries at Kafr El-Sheikh (summer 2010).
- Delta Sugar Company, over all maintenance (summer 2010).
- : NDT (non-destructive test) training program level II (PT, VT, MT, UT and RT) all certificates according to American Society of Non-destructive test.
- : HVAC from Egyptian Company for engineering training.
- : Fire protection systems according to NFPA from Egyptian Company for engineering training.
- : Practical training course in overall maintenance for engines from ITC (Industrial Training Council).
- : Pumps classifications and troubleshooting.
- : Hi-SCAN (Automotive fault diagnose).
- : Hydraulic circuits from ITC (Industrial Training Council).
- : Welding and welding inspection from ITC (Industrial Training Council).
- : Soft skills from ITI (Information Technology Institute).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Mar. 2018 till now
- Employer** : GS for Engineering and Construction
- Project** : Egyptian Refining Company (ERC)
- Job title** : HVAC Site Engineer
- Job Description** :
- Construction phase:
 - Supervision of the group responsible for HVAC constructions:
 - Ducting (Restriction, testing, installation, insulation and cladding).
 - Piping (Seamless pipe network installation testing, and insulation – HDPE underground piping).
 - Mechanical working (VRV system, ACCU, air cooled chillers, exhaust and supply fan, FCU and AHU erection).
 - Commissioning phase:
 - Preparing HVAC system for starting (motor solo run, alignment, mechanical run test for all motors and pumps).
 - Starting HVAC system and measuring performance, testing and balancing for the system.
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- Dates** : From Sep. 2014 till Mar. 2018
- Employer** : ELECON for electromechanical services
- Job title** : Mechanical Site Engineer
- Job Description** :
- Polyethylene Project - consist of two absorption chiller (365 TR each), air cooled chiller, 30 AHU and 60 FCU:
 - Supervision of the group responsible for HVAC constructions:
 - Ducting (Restriction, installation, insulation and cladding).
 - Piping (Seamless pipe network installation and insulation – HDPE underground piping).
 - Mechanical working (chiller, exhaust and supply fan, FCU and AHU erection).
 - OSBL Project - consist of three absorption chiller (320 TR each), 34 AHU

and 300 FCU:

Supervision of the group responsible for HVAC constructions:

- Ducting (Restriction, installation, insulation and cladding).
- Piping (Seamless pipe network installation and insulation – HDPE underground piping).
- Mechanical working (chiller, exhaust and supply fan, FCU and AHU erection).

- Dates** : From Mar. 2014 till Sep. 2014
- Employer** : Egypt Company for Engineering and Trading (WESKAMP)
- Projects** :
 - AUDITORIUM in the command of Western Military Area
 - 3 Surgery rooms in Barany Military hospital and Salome Military hospital
- Job title** : Mechanical Site Engineer
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- Dates** : From Apr. 2012 till Mar. 2014
- Employer** : Engineering Authority of the Egyptian Armed Forces
- Project** : El-Hamam Military sector
- Job title** : Maintenance Engineer
- Job Description** :
 - Preparing all vehicles and diesel generators in the Military unit.
 - Supervision of the group responsible for:
 - Maintenance of sewage lines and water pipelines.
 - Raising the efficiency of buildings' electrical panels and air conditioning systems.