

104726-MEC-567CHMO-E-2009
Mech. Maintenance Engineer / HVAC Dept. Manager

Holds a B. Sc. in Mechanical Power Engineering and has over 9 years hands-on experience including 8 years working in Heating, Refrigeration and Air Conditioning Engineering, extensive experience in all HVAC field and small units of Air conditioning. Operations and maintenance, medium knowledge of Electro Mechanical automatic Control, hands-on experience troubleshooting most of the existing HVAC systems in the field, medium knowledge of Electro-Mechanical design (HVAC – Fire Fighting – Plumbing).

PERSONAL DATA

Nationality : Egyptian
Birth Date : 04/08/1985
Gender : Male
Marital Status : Married
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Helwan University, 2009

LANGUAGES

Arabic : Native Language
English : Very Good
French : Fair

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

: Electro-Mechanical design package (HVAC - FIRE FIGHTING - PLUMBING), Syndicate of Engineers, Cairo (from Oct. 2016 till Jan. 2017).
: AutoCAD 2D 2017 Essential, Russian Culture Center, Cairo (Feb./Mar. 2017).
: AutoCAD 2D 2017 Advanced, Russian Culture Center, Cairo (Mar./Apr. 2017).
: Summer training in ELSEWEDY (Cairo).
: 2 months training in ASMA GROUP (Cairo).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2012 till now
Employer : Egyptian Radio and Television Union
Job title : Mechanical Maintenance Engineer / HVAC Dept. Manager
Job Description :

- Supervision the installations of any new purchased HVAC Systems and Managing this HVAC systems operations and maintenance on hourly basis, it includes now more than 17 HVAC systems in my work, supervision directly the preventive maintenance of all the systems involved in the HVAC operations, preparing the operation and maintenance strategic plan and time tables. Managing the manpower allocation on all AC stations, on-job training for the Engineers and Technicians, monitor the performance and the productivity of each taskforce. Spare parts planning, inventory monitoring and purchasing.
- HVAC systems: Chilled water systems, Direct Expansion Systems.
- Building Management System (BMS).
- Refrigeration Units: up to 850 T.R, water cooled and Air-cooled condenser, centrifugal and reciprocating compressor. Single, dual and multi-compressors, from different manufacturers (Carrier, York, and MC Quay).
- Water Pumps up to 100HP: Horizontal and Vertical types, from different manufacturers (Aurora, ITT, Taco, Bill & Gosit, Peerless and many more).
- Cooling Towers up to 1200 T.R: Axial and Radial Vane, counter flow and cross flow, from different manufactures (Marly, Evapco, and many more).
- Air Handling Units up to 100 T.R.
- Fan Coil Units up to 5 T.R.
- Electro Mechanical Automatic Control used in the HVAC systems.
- Power medium & low (star & delta connection, inverter variable speed).
- Water pipe lines including valves, strainers, check valves and Thermal Insulator.
- Multi-zone systems and Variable Volume Systems.
- Chemical treatment systems for Chilled water and condensing water.
- Direct Expansion (DX) Air Condition units, package units' types up to 50T.R.

Dates : From Mar. 2012 till Jul. 2012
Employer : MOBINIL, Cairo
Job title : Call Center Representative

Dates : From Sep. 2011 till Feb. 2012
Employer : ASMA GROUP, Cairo
Job title : Sales Representative