

102755-MEC-15HMOM-E-2003

HVAC Maintenance Engineer

Holds a B. Sc. in Mechanical Power Engineering and has about 15 years hands-on experience working in HVAC field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 14/01/1982
Gender : Male
Marital Status : Married
Residence : Damanshour

EDUCATION

: B. Sc. in Mechanical Power Engineering, Tanta University, 2003

LANGUAGES

Arabic : Native Language
English : Very Good
French : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Programming using C language

TRAINING COURSES AND CERTIFICATIONS

: Summer training (1998-1999) in the Faculty of Engineering, El-Minia Univ. (Production Mech. Study & Training Workshop).
: Summer training (1999-2000) at Tanta Oil and Soap Co.
: Summer training (2000-2001) at West Delta Bus Co.
: Summer training (2001-2002) at Damanshour Power Station Co.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From May 2013 till now
Employer : West Delta Electricity Production Co.
Project : Damanshour Steam Power Plant (300MW)
Job title : HVAC Maintenance Engineer

- Job Description** : • Operate and maintain the previous HVAC system.
• Troubleshooting of Chillers and Air handle units.
• Request the required original spare parts for replacement.
- Dates** : From Nov. 2011 till Apr. 2013
- Employer** : West Delta Electricity Production Co.
- Project** : Damanhour Steam Power Plant (300MW)
- Job title** : Inspection Engineer
- Job Description** : • Rehabilitation the HVAC system to serve multi zones inside the thermal power station (300MW) like: Relay room, Control room, Workshops, Chemical lab, Electrical rooms (Batteries, 380 V, 6KV).
• Commissioning and Start-up the HVAC System and review the necessary cfm (cubic feet per minute) for each zone.
• Supervision day by day ABB activities.
• Review all bills.
• Continuation ABB during the constructs in:
- Following SMACNA (Sheet Metal and Air Conditioning Contractors' National Association) standard of HVAC (Duct size, Rode supports and (Smoke or Light) Test).
- Reviewing the Load calculation and the Designed System.
- Reviewing the Protection System (Fire and Smoke).
- Erection the new chillers (3 x 125 ton) RTCA 170 High Efficiency and screw compressors (Trane).
- Installation the Air Handle Units (3 x 30 cfm) (SAIVER).
- Installation Centrifugal Pumps (Grundfos):
❖ Model: NK65-315/320, H =34.9 m.
❖ Flow rate =96.9 m/hr, Max. Press. =16 bar.
- Manual Valves (Crane), Electrical Valves (Siemens), Pipe Line (8 Inch, Schdule 40) and (Fire, Smoke) Dampers.
- (R 134 -a).
- Dates** : From Dec. 2008 till Oct. 2011
- Employer** : West Delta Electricity Production Co.
- Project** : Damanhour Steam Power Plant (300MW)
- Job title** : Operation & Maintenance HVAC Engineer
- Job Description** : • Test and Maintain all air condition devices (Trane, Sharp, Carrier, Unionaire, Americool).
• Operate and Maintain HVAC system which its classification is:
- Chillers (3 x 100 ton) and (semi - hermetic) compressors.
- Air Handle Units (1 x 19 cfm) & (1 x 16 cfm).
- Centrifugal pumps, manual valves and Pipelines.
- (R - 22).
- Dates** : From 2004 till 2008
- Employer** : AL-HANDASEYA COMPANY for HVAC
- Job title** : Engineer
- Job Description** : Selling and maintenance.