

103909-MEC-6CDH-E-2009
Senior Site Supervision Mechanical Engineer

Holds a B. Sc. in Mechanical Power Engineering and has over 10 years hands-on experience in construct, execute and design mechanical work; including execution and design of HVAC systems, Fire Fighting systems and Plumbing systems; preparing shop drawings, quantities of materials required, technical reports, extracts and as built drawings; monitoring technical staff and subcontractors; get approval of drawings, materials and executed works from consultant; for large scale projects as faculties & hospitals and sport clubs.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 21/02/1986
Gender : Male
Marital Status : Married
Residence : Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Ain Shams University, 2009

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet

TRAINING COURSES AND CERTIFICATIONS

: Inventor – 2008
: AutoCAD
: ICDL
: Summer trainings at:

- SUCO (Suez Oil Company).
- The Engineering Company for Projects Services (ProService).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2016 till now
Employer : Engineering Consultants Group (ECG) - Egypt

Project : El Masa Hotel and New Opera and Art City, at New Capital Administration City

Job title : Senior Site Supervision Mechanical Engineer

Job Description :

- Supervise all mechanical work including HVAC, FIRE FIGHTING and PLUMBING systems.
- Review mechanical shop, coordination and as-built drawings, quality assurance procedures, project schedules.
- Check all mechanical components and materials submitted by contractors; ensure compliance against ministerial requirements and technical specifications.
- Closely monitor site activities to ensure quality of work is in compliance with approved shop drawing and Specification.
- Participating in solving issues raised by contractors.
- Follow ECG specification, local and international mechanical codes.
- Review quantities and abstracts.
- Lead snagging procedure to check mechanical systems after substantial completion of construction activities have ended.
- Check testing and commissioning of all mechanical system.
- Review all operation, instruction and maintenance manuals provided by contractors.

Dates : From Aug. 2013 till May 2016

Employer : Almeem United Company (Main Contractor) – Saudi Arabia

Project : Heteen Sport Club at Samta – Jazan:

- HVAC system:
 - Cooling Capacity: 500 TR.
 - Fabricate and installing duct metal sheets.
 - Fabricate and installing chilled water pipes.
 - Installing HVAC machines (split and package units).
- Fire Fighting System:
 - Fabricate and installing firefighting water pipes networks.
 - Installing firefighting pumps.
- Plumbing System.

Job title : Senior Site Mechanical Engineer

Job Description :

- Work in HVAC system, firefighting system and plumbing system.
- Prepare mechanical shop, as-built drawings, quality assurance procedures, materials submittals, project schedules, Operation and Maintenance Manuals and get approvals from consultant and owner.
- Responsible for monitoring and inspection of on-site mechanical installation and testing work activities. Provides technical guidance to technical staff and sub contractors, and utilizes his expertise to ensure that the permanent works are constructed in accordance with applicable codes, standards, and approved drawings and specifications.
- Prepare mechanical quantities and abstracts.
- Arrange all testing, pre-commissioning, commissioning, and start-up activities to assure mechanical systems compliance with the approved plans and procedures.

Dates : From Aug. 2009 till Jul. 2013

Employer : Abdulla Alsayed Group – Saudi Arabia

- Job title** : Site Mechanical Engineer
- Job Description** :
- From Jan. 2012 till Jul. 2013: In Sabt El Alaya Hospital as Site Mechanical Engineer:
 - Work in HVAC system and firefighting system.
 - Making design and shop drawing of HVAC systems and fire fighting.
 - Responsible for monitoring and inspection of on-site mechanical installation and testing work activities. Provide technical guidance to technical staff.
 - Prepare mechanical quantities and abstracts.
 - Arrange all testing, pre-commissioning, commissioning and start-up activities to assure mechanical systems compliance with the approved plans and procedures.
 - From Aug. 2009 till Dec. 2011: In Najran New University as Site Mechanical Engineer responsible for two Faculties (Faculty of Community and Faculty of Pharmacy):
 - Work in HVAC system and firefighting system.
 - Making design and shop drawing of HVAC systems and fire fighting.
 - Faculty of Community and Faculty of Pharmacy:
 - HVAC system:
 - Cooling Capacity: 1800 TR.
 - Fabricate and installing duct metal sheets.
 - Fabricate and installing chilled water pipes.
 - Installing HVAC machines (FCU – AHU – CHILLERS).
 - Fire Fighting System:
 - Fabricate and installing firefighting water pipes networks.
 - Installing firefighting pumps.
 - Responsible for monitoring and inspection of on-site mechanical installation and testing work activities. Provides technical guidance to technical staff.
 - Prepare mechanical quantities and abstracts.
 - Arrange all testing, pre-commissioning, commissioning and start-up activities to assure mechanical systems compliance with the approved plans and procedures.
- Dates** : Jun./Jul. 2009
- Employer** : Al Dar Company for HVAC projects
- Job Description** :
- Work in HVAC system as package and split systems.
 - Making design, shop drawing of HVAC systems and check installation at sites.
- Field of experience** :
- Proficient in Making Designs and Shop Drawings of mechanical systems using mechanical programs, specifications and codes.
 - Shared in design and executing of many mega projects in Saudi Arabia and Egypt like universities, hospitals, hotels and opera and arts city.
 - Assist in resolving any issues raised by contractors (e.g. requirements for time extensions, change order requests, variations, etc.).
 - Review and approve the material data submitted by contractors/suppliers for equipment and materials to be used in the project.
 - Supervise the installations of mechanical systems on a daily/regular

basis to ensure progress at mechanical work conform with specifications and codes.

- Lead snagging procedure to check mechanical systems after substantial completion of construction activities have ended; ensure that a snag list is prepared based on outstanding works.
- Review all as-built drawings provided by contractors.
- Review all operation, instruction and maintenance manuals provided by contractors prior to handing over the development to the owner/client.
- Proficient in using international quality standards as (ASHRE, SMACNA, NFPA, IPC, UPC).
- Proficient in using mechanical programs as (AutoCAD, Revit, Hap, Duct sizer, Pipe sizer, Elite...).