

105544-MEC-56CDEXq-E-2012

Senior Mechanical Engineer

Holds a B. Sc. in Mechanical Power Engineering and has over 5 years of experience in controlling, planning, estimating and executing projects of different disciplines such as MEP & steel structure.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Currently Qatar

EDUCATION

: B. Sc. in Mechanical Power Engineering, Zagazig University, 2012

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Planning: Primavera P6 – Microsoft Project
: Drawing: AutoCAD – Autodesk Revit MEP – CATIA – Rhino 5
: MEP: HAP 4.5 – Elite Fire Fighting – Duct Sizer – EES
: Photoshop

TRAINING COURSES AND CERTIFICATIONS

: Gulf of Suez Petroleum Company (GUPCO) – Summer Training (Jul. 2011).
: TOYOTA El Obour – Car Maintenance (Aug. 2011).
: Engineering Industries Technology Centre - HVAC Maintenance Course (Sep. 2010).
: MMUP/UPDA (Approved) –Trainee (2015).
: QCDD (Approved) –Fire Fighting Engineer (2016).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From May 2015 till now
Employer : I Construct for Trading & Contracting, Qatar
A leading infrastructure and project developer in the field of Electromechanical Works in Qatar and Egypt.

- Projects** : • Construction Projects:
- Labor Accommodation and Stores – Industrial Area St. 41 – Qatar (May 2015 – Oct. 2017).
 - High Residential Building in Bin Mahmoud – Bin Mahmoud – Qatar (May 2015 – Jul. 2016).
 - QBC Workshop & Labor Accommodation – Industrial Area St. 38 – Qatar (Sep. 2015 – Jul. 2016).
 - Sheikh HBJ Palace – Al Wajbah – Qatar (Jan. 2016 – Jul. 2016).
 - West Pay Petrol Station Store – Industrial Area St. 18 – Qatar (Jul. 2016 – Jan. 2017).
 - Honda Main Body Shop (DOMASCO) – Industrial Area St. 43 – Qatar (Apr. 2017 – Oct. 2017).
- Maintenance Projects:
- Plastic Surgery Center – Qatar (May 2015 - Present).
 - Qatar Airways Accommodation – Qatar (May 2015 - Present).
- Job title** : Senior Mechanical Engineer
- Job Description** : • Operations Duties:
- Monitor and assign work to Site Engineers in accordance with Company's policies and procedures and limits of authority.
 - Monitor and control expenses related to project work and ensure organizational forecasts and budgets are met for these expenses.
 - Handle procurement activities relating to contracts and sub contracts in accordance with Company Procedures and Procurement department activities.
 - Undertake team briefings and inception activities to ensure all aspects of work are understood by all concerned parties.
 - Ensure safety standards and procedures are implemented and followed in accordance with contract requirements and Company guidelines.
 - Undertake QC reporting interaction with other departments of company and clients to assure production schedules and deliveries are met.
 - Be responsible and report on the scheduling of man/material movements for all aspects of construction and or maintenance activity.
 - Act as a liaison with contractors and clients managing any work interfaces and enhancements to project scope.
 - Review and evaluate technical submittals and shop drawings prior to submission to consultants and clients according to required project standards.
 - Assist the Project Manager / Senior Project Engineer in preparation of Sub Contract agreements and to recruit people for his area of discipline.
- Technical Duties:
- I prepare project documents, and define the scope of work.
 - I develop a conceptual design based on specifications.
 - I prepare a BOQ and tender a proposal.
 - I prepare detailed design drawings and get them approved by QC engineers and client representative.
 - I create a work breakdown structure (WBS), assign a budget to each task, and prepare a project schedule.
 - I submit request for quotations (RFQs) with equipment specifications to suppliers and/or sub-contractors.

- I evaluate technical offers and proposals I receive from suppliers and prepare comparison sheets with equipment data.
- I prepare and submit client in-house approvals (CIAs) in order to obtain client's approval of materials and equipment before the procurement process.
- I coordinate with the procurement department and use the enterprise resource planning (ERP) system, to purchase material.
- I apply quality procedures stipulated by the company and the quality control (QC) department, and I prepare for internal and external quality audits during different phases of a project.
- I attend safety induction programs and implement safety and environmental regulations.
- Business Development Duties:
 - Support project/client development process with presentations and related marketing activities.
 - Support Director of Operations and General Manager in preparation of proposals.
- Professional Development Duties:
 - Maintain personal competency in relevant professional areas.
 - Maintain long-term industry relationships.

Dates : From Sep. 2014 till Apr. 2015

Employer : Project Service Company - PSCQ, Qatar
One of the premier structural steel, Piping and Pressure Vessels Fabricator and installer, as well as construction and MEP related services provider in Middle-East and North Africa.

Project : Construction Project: National Museum of Qatar – Qatar (Sep. 2014 – Apr. 2015)

Job title : Project Control Engineer

Job Description :

- Progress Duties:
 - Developing and maintaining detailed schedules for all works in our scope.
 - Monitoring cost and commitment through requisition and invoice review.
 - Ensuring active engagement of team members by delegation of tasks to the appropriate person both on a long term and on a day-to-day basis.
 - Ensuring adherence to recommended best practices such as the critical path method based on PERT.
 - Ensuring adherence to quality standards such a Total Quality Management or Six Sigma by ensuring employees follow quality standards and by using quality control checklists.
 - Coordination and regulating various meetings such as project progress review meetings, quality circles.
 - Application of various project progress methods to ensure the project schedule is on track to meet deadlines or deliverables.
 - Devising strategies to overcome roadblocks or delays through various methods such as using industry related technical knowledge, innovating short cuts or alternative ways, improvising with available resources, scheduling overtime to meet the deadline.
 - Ensuring compliance with safety standards.

- Developing and monitoring project cost forecasts.
- Ensuring Resource Availability and Allocation Duties:
 - Coordinating with human resource management in HR planning and recruitment functions.
 - Exercising the power to recommend leaves and overtime.
 - Recommending training interventions to increase productivity and develop quality of work.
- Reporting:
 - Providing vital inputs to daily and periodic project progress and status reports to top management and other stakeholders.
 - Monitoring, tracking and reporting project cash flow.
 - Planning and preparing man hour budgets, and schedules.
 - Preparing and submitting financial analysis reports.

Dates : From Mar. 2013 till Aug. 2014

Employer : Environmental Engineering Technology (EETCO-TIC), Egypt
A leading infrastructure and project developer in Egypt and North Africa.

Projects : Construction Projects:

- Bab El Shams (Jaz Al Cazar) – Nabq Bay – Sharm El-Sheikh (Mar. 2013 – Aug. 2014).
- Solymar Neamaa Bay Hotel – Sharm El-Sheikh (Mar. 2013 – Dec. 2013).

Job title : Mechanical Engineer – Site Engineer

Job Description :

- Generally responsible for implementations and monitoring of all mechanical related works at site as per approved drawings and methods and safety rules.
- Estimate, prepare and assign the resources such as manpower, materials, consumables, equipment, tools, etc., required for all Mechanical and related works prior to execution.
- Plan and analysis all possible construction methodologies and recommends the best options to the MEP Manager for approval prior to execution at site.
- Interpret construction drawings and study the contract documents and applicable standards or specifications prior to execution of any jobs.
- Manage directly and provide engineering and technical supports to all the Mechanical work groups at site.
- Plan the execution of all Mechanical related works and coordinates the works to Electrical and civil groups.
- Assign targets for accomplishments and ensure targets are met on daily basis for all Mechanical groups at site.
- Submit site daily reports, inspection requests, estimates and all applicable monitoring reports on regular basis or as required.
- Ensure that all the works done are in accordance with the approved construction drawings, contract documents, project specifications, and all applicable standards whether local, national or international standards.
- Carrying out all Mechanical Works and equipments installation activities.
- Attend regular meeting with client, civil engineers and consultant to provide update on project progress.
- Pre-resolve any unexpected technical difficulties and other problems at site that may arise at any time.

- To collaborate with cost control and planning department in preparing the daily progress reports.
- Able to lead site personnel to execute and completion of job on time at site.
- Perform other related duties as may be required by the MEP Manager.

Dates	:	From Dec. 2012 till Mar. 2013
Employer	:	PMCO for General Trade & Construction, Kuwait A leading infrastructure and project developer in Kuwait and Middle-East.
Projects	:	Construction Projects: <ul style="list-style-type: none"> • Dahdari Residential Building at (Capital Governorate) (Dec. 2012 – Mar. 2013). • Salam Mall at (Al Salmiya Governorate) (Dec. 2012 – Mar. 2013).
Job title	:	Junior Mechanical Engineer – MEP
Job Description	:	<ul style="list-style-type: none"> • Responsible for assisting administration of fire protection programs for the agency. • Review construction site plans and building plans for compliance with fire protection codes and standards. • Evaluate the fire resistance of building and structures. • Determine whether water availability and water delivery systems are adequate to protect buildings. • Demonstrate continuous effort to improve operations, decrease turnaround times and streamline work processes; works cooperatively and jointly to provide quality seamless customer service. • Evaluate contractors' performance in meeting agency requirements and objectives, interprets existing standards, develops new standards, reviews design documentation, and advises agency and contractor management regarding fire safety, property protection and public safety. • Provide technical advice and assistance to contractors, architects and engineers while reviewing system plans, monitoring code information and conducting site inspections for new construction projects. Supervises professional-level staff, sworn and civilian, engaged in fire prevention duties.

Achievements (from Dec. 2012 till now):

- Reined in rollercoaster project (Bab El Shams (Jaz Al Cazar) - Sharm El-Sheikh).
- Reduce costs by 10 % from the budget of the project (Bab El Shams (Jaz Al Cazar) - Sharm El-Sheikh).
- Re-designed and implemented more effective company procedures (EETCO-TIC).
- Stayed under budget till finishing our scope in the project (National Museum of Qatar – Qatar).
- Awarding new variation of more than two million Qatari Riyals (Labor Accommodation Camp Project - Qatar).
- Handing over several projects to QCDD - Qatar Civil Defense Department - such as:
 - High Residential Building in Bin Mahmoud – Bin Mahmoud – Qatar (May 2015 – Jul. 2016).
 - QBC Workshop & Labor Accommodation – Industrial Area St. 38 –

Qatar (Sep. 2015 – Jul. 2016).

- Met deadlines consistently.