

**100117-MEC-1458CGKSVXZ-E-2004**  
**Mechanical Construction Manager**

Holds a B. Sc. in Mechanical Engineering and has over 18 years experience in Projects construction. His work includes Petroleum, Petrochemical Plants, GTL Plants, Fertilizers, Power Stations, piping, pipe line, infrastructure (PW, TSE, FW, SW and FW), static, rotating equipment and storage tanks installation. His duties included Piping Detailing, Supervising, Technical Support and Coordination. He is familiar with codes and standards (API, ASTM, ASME, DIN, ...).

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 01/04/1979  
Gender : Male  
Marital Status : Married  
Residence : El-Behira

## EDUCATION

: B. Sc. in Mechanical Engineering, Alexandria University, 2004

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

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

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Sep. 2020 till now  
**Employer** : Hassan Allam Construction (HAC)  
**Projects** :

- Black Sand Project
- Al-Hammam Pumping Station 1, 2

**Job title** : Mechanical Construction Manager  
**Job Description** :

- Overall responsibility for craft worker safety on the project implementing a Zero Accidents philosophy.
- Manage and oversee the day-to-day construction management of the projects.
- Manage the construction effort and the construction representative of our company with Client. Plan, develop and organize the construction effort to formulate the most cost-effective plan to timely completion within

budget and implement the execution of the plan.

- Responsible for implementation of the scope of work as related to construction / fabrication, recommissioning, load-out and commissioning of the facilities in conformance with project specifications, Scope of Work, and in accordance with the approved Project Schedule.
- Define clear roles & responsibilities and deliverable requirements in terms of both scope and schedule to all the team members.
- Monitor construction productivity and schedule performance and investigate reasons for less than satisfactory performance. Provide recommendations and institute measures for improvement by modification to operating procedures/work instructions.
- Supervise Piping Construction Activity in the Site (Large bore, small bore and supports).
- Assist the Field Procurement Supervisor in the inspection and receipt of piping materials and in the setting up of jobsite controls for storage and protection of piping materials.
- Excellent professional and interpersonal communication abilities, both written and oral.
- Critical thinking, analysis, evaluation, and spatial awareness skills.
- Highly organized professional with extensive experience fulfilling administrative responsibilities.
- Monitor the offsite spool fabrication to coordinate the proper priority flow of spools to the site. Also, maintain updated delivery schedules from the fabricator.
- Pre-commissioning and commissioning.
- Hydro testing.
- Water flushing.
- Tightness/low pressure leak testing.
- Equipment alignment & coupling.

<b>Dates</b>	:	From Apr. 2020 till Sep. 2020
<b>Employer</b>	:	<u>Petromaint</u>
<b>Project</b>	:	Midwater Facilities upgrades 20 km pipe line HDPE DN900 and HDPE DN560
<b>Job title</b>	:	Mechanical Construction Manager
<b>Job Description</b>	:	<ul style="list-style-type: none"><li>• Design Coordination, Consultation Assist and coordinate all phases of design including the review of conceptual designs during development recommending alternative solutions whenever design details affect construction feasibility or schedules. Advise on site use and improvements, selection of materials, piping systems and equipment.</li><li>• Monitor construction productivity and schedule performance and investigate reasons for less than satisfactory performance. Provide recommendations and institute measures for improvement by modification to operating procedures / work instructions.</li><li>• Establish a working relationship and lines of communication with Project Field Engineer, Field Procurement Supervisor, Contracts Manager, and other key supervisors on the project.</li><li>• Ensuring all materials used and work performed are as per the specifications.</li><li>• Overseeing the selection and requisition of materials and plant.</li></ul>

- Day-to-day management of the site, including supervising and monitoring the site labor force and the work of any subcontractors.

**Dates** : From Nov. 2015 till Feb. 2020

**Employer** : Al Bawakir Unicon Co. W.L.L - QATAR

**Projects** :

- ALWAKRA STADIUM WET UTILITIES PW, FRW, SW AND FW
- THREE YEARS CALL-OFF CONTRACT GTC - 614/2013 POTABLE WATER (Qatar General Electricity & Water Cooperation)
- ALKHORE COMMERCIAL STREET, POTABLE WATER (GCC)
- AL-BIDAA PARK PROJECT, PW and FRW (GET)
- GREEN LINE OVERLIFT PROJECT (SPH) Q RAIL
- WEST INDUSTRIAL AREA STREET PROJECT, PW (GWT)

**Job title** : Operation Manager infrastructure

**Job Description** :

- Manage and oversee the day-to-day construction management of the projects.
- Manage the construction effort and the construction representative of our company with Client. Plan, develop and organize the construction effort to formulate the most cost-effective plan to timely completion within budget and implement the execution of the plan.
- Responsible for implementation of the scope of work as related to construction/ fabrication, recommissioning, load-out and commissioning of the facilities in conformance with project specifications, Scope of Work, and in accordance with the approved Project Schedule.
- Monitor and report to Project Manager / Sr. Construction Manager of project details, including progress, risks and opportunities in a timely manner.
- Ensure all changes to specifications, work scope and drawings are documented.
- Define clear roles & responsibilities and deliverable requirements in terms of both scope and schedule to all the team members.
- Monitor construction productivity and schedule performance and investigate reasons for less than satisfactory performance. Provide recommendations and institute measures for improvement by modification to operating procedures/work instructions.
- Supervise Piping Construction Activity in the Site (Large bore, small bore and supports).
- Control all of material by using class of material (pipe – fitting – valves).
- Erection the Steel Structure & Cladding for warehouse Building (100 m x 40m).
- Supervise all pre-commissioning, commissioning and Hydro test activity in pipelines.

**Dates** : From Sep. 2014 till Oct. 2015

**Employer** : DNGO CONTRACTING KOREAN SAUDI COMPANY - KSA

**Projects** : Water Treatment Plants at Industrial Cities KSA (RO system) at Al-Kharj, Sudair, Damam and Jeddah Cities

**Job title** : Mechanical Construction Manager

**Job Description** :

- Design Coordination and Consultation Assist and coordinate all phases of design including the review of conceptual designs during development recommending alternative solutions whenever design details affect

construction feasibility or schedules. Advise on site use and improvements, selection of materials, building systems and equipment.

- Value Engineering Review of the Drawings and Specifications as they are being prepared, evaluating initial construction expenditures versus operating expenditures, advise on construction feasibility of design for present costs versus future costs, thereby, optimizing the “Total Cost” of the facility.
- Review the Drawings and Specifications.
- Analysis of Proposals Receive bids, prepare bid analyses and make recommendations to the Owner for award of contracts or rejection of bids. Review proposals with individual Contractors for Scope of Work.
- Construction Contract Negotiations Select three (3) lowest bidders for each trade and conduct contract negotiations to produce the best possible price.
- Supervise Piping Construction Activity in the Site (Large bore, small bore and supports).
- Control all of material by using class of material (pipe – fitting – valves.)
- Erection of the Steel Structure & Cladding for warehouse Building (100 m x 40m).
- Supervise all pre-commissioning, commissioning and Hydro test activity of mechanical, piping and pipeline systems.

**Dates** : From Sep. 2013 till Jul. 2014  
**Employer** : CFI Holding Pte. Ltd  
**Project** : THE NATIONAL COMPANY FOR FERTILIZERS AND CHEMICAL INDUSTRIES - Egypt  
**Job title** : Mechanical Superintendent (Equipment & Piping)  
**Job Description** :

- Overall responsibility for craft worker safety on the project implementing a Zero Accidents philosophy.
- Establish a working relationship and lines of communication with Project Field Engineer, Field Procurement Supervisor, Contracts Manager, and other key supervisors on the project.
- Review the project design to identify potential changes which will improve the constructability of the work.
- Provide technical supervision of erection and demobilization of major construction equipment.
- Supervise site rigging/heavy lift operations in accordance with site procedure.
- Assist the Mechanical Superintendent in solving equipment problems.
- Implement inspections of equipment installations...
- Pre-commissioning and commissioning.
- Hydro testing.
- System Dry out.
- Post-test component re-instatement.
- Water flushing, Air blowing, Steam blowing.
- Tightness/low pressure leak testing.
- Equipment alignment & coupling.

**Dates** : From May 2009 till Jul. 2013  
**Employer** : PSC - QATAR

- Projects** : • GAS TO LIQUID (PEARL GTL) PROJECT - VSA (C8 (SHELL QATAR))  
• DOHA INTERNATIONAL CONVENTION CENTER AND TOWER (IMAR ATAR)  
• NEW INDUSTRIAL AREA SOLAR ENERGY FACTORY (QATAR)
- Job title** : Mechanical Field Piping Engineer
- Job Description** : • Materials receiving inspection and piping materials QS and control.  
• Fabrication, erection, inspection, testing and commissioning various piping systems related to refinery as per isometrics and GA drawings.  
• Ensure the completion of shop fabrication on time as per given schedule.  
• Cross checking Isometrics with Plan & P&ID drawings.  
• Coordinating Shop testing activities.  
• Planning of erection sequence as per site conditions.  
• Mechanical inspection of the system as per P&ID.  
• Specialized in piping construction, assembly and installation.  
• Coordinating piping system testing activities.  
• Fabrication, erection, inspection, testing for GRP AND GRVE pipe.  
• Assist the Field Procurement Supervisor in the inspection and receipt of piping materials and in the setting up of jobsite controls for storage and protection of piping materials.  
• Analyze the need for field shop spooling.  
• Establish spool fabrication priority.  
• Monitor the offsite spool fabrication to coordinate the proper priority flow of spools to the site. Also, maintain updated delivery schedules from the fabricator.  
• Pre-commissioning and commissioning.  
• Hydro testing.  
• Water flushing, Air blowing, Steam blowing.  
• Tightness/low pressure leak testing.  
• Equipment alignment & coupling.
- Dates** : From Jan. 2005 till Mar. 2009
- Employer** : ASEC ARESKO Manufacturing Industrial Projects
- Projects** : • SINCO - SUEZ INTERNATIONAL NITRATE CO - ATAKA, SUEZ, EGYPT  
• EL-ATF POWER STATION 750MW COMBIND CYCLE (NEM)  
• TALKHA POWER STATION 750MW COMBIND CYCLE (CMI)  
• RAJHI STEEL - KSA  
• Hazards west liquids & Gases incinerator plant (Egyptian Petrochemical Company)  
• Alex Fiber Company (ADITYA BIRLA INDIA GROUP)
- Job title** : Mechanical Field Piping Engineer
- Job Description** : • Establish with the client personnel, parameters on testing, installation and turnover of systems.  
• Determine area priorities for piping installation through consultation with Supervision.  
• Establish communications with the Piping Design Group to resolve design problems.  
• Review the project schedule and working with the Piping Superintendent and develops schedules as required.  
• Perform inspection of all piping work in progress on a continuing basis.

Witness tests and completes final P&ID checks prior to turnover to the Client.

- Assist the Piping Superintendent in solving piping problems.
- Report weekly installed quantities to the Cost Engineer.
- Write material requisitions for all pipe testing equipment, test blinds, gaskets, etc. required for the job.
- Assist the Field Procurement Supervisor in the inspection and receipt of piping materials and in the setting up of jobsite controls for storage and protection of piping materials.
- Field design for both transportation and erection of heavy equipment.
- Requisitioning of the required rigging equipment and materials.
- Assist in assuring that all safety rules concerning rigging are being followed.
- Control all of material by using class of material (pipe – fitting – valves).
- Managed the proper erection of pipes, hangers, and supports in field installations.