

**107313-MMP-1458CQVX-E-2009**  
**Mechanical Construction Manager**

Holds a B. Sc. in Mining & Petroleum Engineering and has more than 13 years experience working in construction and piping.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 12/07/1986  
Gender : Male  
Marital Status : Married  
Residence : Alexandria

## EDUCATION

: B. Sc. in Mining & Petroleum Engineering, Al-Azhar University, 2009

## LANGUAGES

Arabic : Native Language  
English : Excellent

## COMPUTER SKILLS

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

## TRAINING COURSES AND CERTIFICATIONS

: PMP Project Management Professional prepared (Certified).  
: Construction Management Specialization - Columbia University.  
: Construction Scheduling - Columbia University.  
: Construction Cost Estimating and Cost Control - Columbia University.  
: Construction Finance - Columbia University.  
: The Construction Industry: The Way Forward - Columbia University.  
: Construction Project Management - Columbia University.  
: Adaptability and Resiliency - University of California.  
: High Stakes Leadership: Leading in Times of Crisis - University of Michigan.  
: Foundations of Project Management – Google.  
: Project Planning: Putting It All Together – Google.  
: Project Execution: Running the Project – Google.  
: Project Initiation: Starting a Successful Project – Google.

- : Agile Project Management – Google.
- : ASNT Level II Ultrasonic testing materials (Certified).
- : ASNT Level II Radiographic testing materials (Certified).
- : ASNT Level II Dye Penetrate testing materials (Certified).
- : ASNT Level II Magnetic Particle Inspection Testing materials (Certified).
- : ASNT Level II visual Testing materials (Certified).
- : AutoCAD 2D (Certified).

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jul. 2019 till now
- Employer** : Orascom Construction
- Projects** :
  - Damietta Spinning & Weaving Factories
  - Upgrade and Raising Capacity of Abu Rawash Wastewater Treatment Plant
- Job title** : Mechanical Construction Manager
- Job Description** :
  - Scope of work: Provide technical & administrative information to the others working on a project to ensure that the work complies with all Project engineering standards, codes, specifications, and design.
  - Establish project objectives, procedures, and performance standards within the boundaries of corporate policy.
  - Monitor/control construction projects through administrative direction of site supervision to ensure project is built on schedule and within budget.
  - Manage the financial aspects of the contract (fee payment, rental equipment, etc.), to protect company's interest while simultaneously maintaining a good relationship with the client.
  - Individual may be assigned additional responsibilities as directed by corporate executives.
  - Supervise and review the preparation of construction method statements with construction team.
  - Planning and maintaining project budget and schedules.
  - Take part in the project management review and risk management review.
  - Liaise between the construction and engineering teams ensuring the harmony between engineering team requirements and construction team Tasks / activities.
- Dates** : From Apr. 2018 till Jun. 2019
- Employer** : Egyptian Refinery Company
- Project** : MOSTOROD Refinery Project
- Job title** : Mechanical Technical Field Advisor
- Job Description** :
  - Scope of work:
    - Provide technical direction and advice on installation, commissioning, and maintenance of SRU and DCU, controls instrumentation, mechanical equipment and pipelines.
    - Supervised, planning, follow up and reporting for construction of all piping construction work at Area 2.
    - Planning the piping construction according to systems and sub- systems

priority.

- Do constructions walk downs and issue punch lists for test packages.
- Do constructions walk downs and issue punch lists for Sub-Systems with MC and commissioning teams.

**Dates** : From May 2017 till Apr. 2018  
**Employer** : SIEMENS  
**Project** : New Capital 4800MW Combined Cycle Power Plant Project (EPC Project)  
**Job title** : Mechanical Technical Field Advisor  
**Job Description** : Scope of work:

- Provide technical direction and advice on installation, commissioning and maintenance of gas turbine, controls instrumentation, steam turbine and/or generator products.
- Management, planning, inspection follow up and reporting for all rotating equipment's and piping construction activities in the following areas:
  - Heat recovery steam generators (HRSG) in module 4 and module 2.
  - Gas composer and metering stations for module 2 and module 4.
  - Balance of plant piping and skids in module 4.
  - Feed water and recirculation water pumping area in module 4.
- Create Test Packages.
- Do constructions walk downs and issue punch lists.
- Do Erection clearance certificate and hand over walk downs with commissioning team and client.

**Dates** : From Oct. 2015 till May 2017  
**Employer** : Orascom Construction  
**Project** : Burullus 4800MW Combined Cycle Power Plant Project (EPC Project)  
**Job title** : Mechanical Construction Team Leader  
**Job Description** :

- Manage the construction effort and be the construction representative of our company with Client.
- Responsible for performing full construction management and contract coordination duties.
- Follow up with the various parties involved to ensure compliance with their respective contractual obligations.
- Plan, develop and organize the construction effort to formulate the most cost-effective plan.
- Monitor and report to the Project Manager / Mechanical Construction Manager.
- Preparation of various reports as required.
- Review of contractor's progress reports, progress payments, etc. and making recommendations.
- Ensure proper phasing and interface of the various components and other furnishings/facilities into construction as and where required.
- Attendance of meetings including Project's Executive Committee, design, construction, Value Engineering, etc.
- Preparation of minutes of meeting for above.
- Prepare records and report on daily construction progress, problems, etc.
- Ensure all changes to specifications, work scope and drawings are

documented.

- Monitoring of supervision of construction activities, etc.
- Monitoring site activities for compliance with safety, specifications, and schedule.
- Perform such duties as assigned from time to time.
- Scope of work: Management, planning, follow up and reporting for mechanical construction such as:
  - Construction of Gas turbine and compressor supports.
  - Construction of Bypass exhausts diffuser, diverter, and Steel Structure.
  - Construction of GT Bypass stack transition Pieces, silencer casing, duffels, and stack Pipe.
  - Construction of all Overhead crane and its rails.
  - Construction of GT Interconnecting piping such as Lube oil, lifting oil, ...etc.
  - Construction of simple cycle BOP and Generator auxiliary piping.
  - Fuel gas, closed cooling, Compressed and service air, Fir fighting pipe lines.
  - Site mobilization and Underground BOP.
  - Installation of OC mobilization infra-structure for SIEMENS Camp and Offices such as:
    - ❖ Underground Sewer force main, potable water and firefighting HDPE and PVC piping.
    - ❖ Firefighting, Plumbing and potable water pump room pumps and above ground piping.
    - ❖ Lifting pump station #2, 3, 4, and septic tank pumps and piping.
  - Installation of Gas insulation switch gear building and control building HVAC ducts and its DX units.

**Dates** : From Oct. 2010 till Oct. 2015

**Employer** : Intermaint (International Company for construction and special maintenance)

**Projects** : 

- Change 468 reformer tubes during FDRP capital repair at DRP
- Demolish and installation of 210 tons of refractory for FLCP
- Demolish and installation of FDRP product screen under super vision of KOBE STEEL LTD.
- Change 4 Pcs saddle beams for billet handling cranes #2 & 3 at RMP
- Demolish and installation of 432M of rails A100 at FSP and RMP
- Installation of new two coil handling overhead cranes at RMP
- Demolish and installation of 360M of rails A100 at FSP and RMP
- Change main Fume treatment pipe lines 5M dia. at FSP
- Dismantling of two old coil handling overhead cranes at RMP
- Change 8 saddles beams for charging, billet handling, ladle and scrap cranes at SMP #1
- Installation of two bucket elevators for EAF #2 & 3 at SMP #1
- All steel structure and electro-mechanical installation for Second Lime Calcining Plant about 1,300.00 tons

**Job title** : Mechanical Engineer

- Job Description** : Scope of work: Management, planning, follow up and reporting Maintenance and construct factory plants such as:
- Installation of Steel Structure buildings and electro-mechanical equipment's.
  - Installation of bag filters, grating, handrails, stairs and cladding for all buildings and mechanical equipment's.
  - Installation of three overhead cranes inside in the factory.
  - Receiving tenders from the client.
  - Make site survey and cost analysis for the work mention in tenders.
  - Make RFQ, technical and commercial offers.
  - Receiving orders from the client and make time schedule.
  - Follow up work progress and make update for time schedule.
  - Issue daily and monthly reports for man power, equipment's, tools, and consumable.
  - Make hand over reports and issue invoices.
  - Follow up all invoices with the client.
- Dates** : From Jan. 2010 till Sep. 2010
- Employer** : Orascom Construction
- Projects** :
  - ABU QIR THERMAL POWER PLANT UNIT 2x650MW steam turbine
  - SIDI KRIR 750MW Combined Cycle Power Plant
- Job title** : QA/QC Steel Structure Engineer
- Job Description** :
  - Follow the quality standards during construction in accordance with the specifications ruling.
  - Ensure the inspection of works in accordance with the requirements of the specification approved manufacturers and good construction practice.
  - Maintain records of the inspection of incoming material and to reject defective material.
  - Maintain accurate daily records of inspections and tests.
  - Issue monthly QC summary report and submit to the owner and consultant.
  - Ensure the performance of all preparatory, initial and follow up inspections as required under the contract.