

**105290-MEC-14CKQSVY-E-2006**  
**Mechanical & Piping Construction Superintendent**

Holds a B. Sc. in Mechanical Power Engineering and has over 14 years hands-on experience working in construction and piping.

## **PERSONAL DATA**

Nationality : Egyptian  
Gender : Male  
Marital Status : Married  
Residence : Fayoum

## **EDUCATION**

: B. Sc. in Mechanical Power Engineering, Al-Azhar University, 2006

## **LANGUAGES**

Arabic : Native Language  
English : Very Good  
Russian : Basics

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel), Internet  
: Navis  
: MS Project

## **TRAINING COURSES AND CERTIFICATIONS**

: H2S Training Course, Basic and Advanced Level I and Level II.  
: Visual inspection for welding (V.T) level II.  
: Penetrate Liquid test (P.T) level II.  
: ASNT Continuing Education in (NDT) Nondestructive Testing.

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Apr. 2019 till Jan. 2021  
**Employer** : Petrofac International Limited  
**Project** : KGDBN (Karachaganak Gas Debottlenecking Project) with estimated cost USD 1 billion  
**Job title** : Mechanical & Piping Construction Superintendent (PMT)

**Job Description** : 

- Maintain regular monitoring and controlling of contractors to ensure work complies with drawings, specifications, quality standards, and schedule.
- Developing of piping feasibility, fabrication and constructability activities.
- Manage mechanical and piping team, assign responsibility and appraisal.
- Coordinate with contractor, and the material management dept. to ensure all required materials, equipment, inspections, receiving, storage, etc., support craft activities and project schedule.
- Review and approval of site modifications.
- Follow up piping workshop fabrication, site erection, air blowing, hydrotest, flushing, drying and re-instatement.
- Follow up mechanical completion activities, tri party walkdown, and punch list management.
- Giving assistance to pre-commissioning and commissioning activities and support as required.
- Prepare daily and weekly progress reports and reporting to site manager.

**Dates** : From Nov. 2017 till Mar. 2019

**Employer** : DNV GL Egypt

**Project** : Egyptian Refining Company (ERC)  
The project an Oil Refinery with capacity 140,000 BPD, Operates different units as NHT, DHT, DCU, HCU, HPU, VDU, Amine Treatment and Regeneration Unit, ..., with estimated cost about USD 4.5 Billion.

**Job title** : Sr. Mechanical & Piping Construction Engineer (PMT)

**Job Description** : 

- Monitor contractor-piping activities and ensure that Piping construction contractors working within the discipline adhere strictly to the latest approved drawings, and project specifications.
- In conjunction with the contractors' supervision, planning engineers, and the Construction Engineers, develop detailed daily and weekly work plans in accordance with the overall planning schedule, and Support the Piping Supervisors and Superintendent in resolving issues related to applicable piping installations and activities.
- Review Test Packs submitted from Contractor for issuing to site walk down.
- Check completed work packs prior to handover, and raise / clear punch lists to release the packs for hydro test, drying, reinstatement and mechanical completion.
- Monitor and oversee contractor's mechanical and piping pre-commissioning activities, including leak-testing, conformity checks, and punch-listing.

**Dates** : From Jan. 2017 till Nov. 2017

**Employer** : PETROBEL (EGPC & ENI SPA JV) (through RINA Co.)

**Project** : ZOHR Development Project (3 phases), consists of new Greenfield gas processing facilities with Nominal 7000 MMSCFD of export Sales Gas, with estimated cost 12 Billion \$

**Job title** : Area In-Charge

**Job Description** : 

- Ensure that all construction contractors' supervision and manpower are instructed in and comply with all aspects of HSE.

- Daily surveillance and checks to ensure contractor onsite is in possession and adheres strictly to the latest approved for construction (IFC) project drawings, specifications, procedures and site instructions.
- Liaise and co-ordinate with on-site personnel regarding planning and with other disciplines, Engineering, Supervisors and Projects Engineers, and implementation of fabrication, construction, and mechanical completion activities.
- Monitoring construction activities against the project schedule and recommend corrective action to be taken where deficiencies are detected; verify actions are taken.
- Monitor contractor in terms of provision of the required manpower and proper equipment resources.
- Review contractor's planned sequence of works against the two weeks look ahead plan and front of work to highlight any discipline clashes, problem area.
- Participate in regular on-site EPC Contractor progress meetings, at interface coordination meetings and attend other project meetings as required.
- Provide brief daily report to the Construction Manager highlighting any concerns.
- Follow up installation of Package equipment, static and rotating equipment.
- Follow up fabrication & Erection of piping and pipes support.
- Follow up of Pre-commissioning, and subsequent hand-over of installations for start-up activities.

<b>Dates</b>	:	From Feb. 2012 till Dec. 2016
<b>Employer</b>	:	PHPC (EGPC & BP Egypt JV) (through San Misr EMC Co.)
<b>Projects</b>	:	<ul style="list-style-type: none"> <li>• West Harbour Expansion (WHX) projects, a brown and green field gas processing facility projects.</li> <li>• PHPC project (pipeline) connect three companies PHPC, UGDC, and PETROBEL to facilitate process maneuvering among the three companies.</li> <li>• Total and partial shutdowns.</li> </ul>
<b>Job title</b>	:	Lead Mechanical and Piping Construction Engineer
<b>Job Description</b>	:	<ul style="list-style-type: none"> <li>• Follow up assembly and installation of all Mechanical items on site, this included a 10MW Gas turbine and compressor packages, all auxiliary pumps, vessels, tanks, and bypass pipeline 30", 24" activities including install and welding 5 hot taps.</li> <li>• Follow up fabrication and erection of pipe and pipe support.</li> <li>• Follow-up, monitor and oversee the pre-commissioning activities of the site installations, carrying out conformity checks, punch-listing, re-instatement, leveling and alignment of rotating equipment, system flushing, air-blowing, and chemical cleaning of pipe-works.</li> <li>• Organize the vendor support required for the mechanical rotating equipment packages and other utility packaged skids on assigned systems</li> <li>• Evaluating, organizing and prioritizing work within the overall project schedule &amp; Budget.</li> <li>• Co-ordinate the materials requirements for construction and commissioning activities.</li> </ul>

- Monitor construction progress on a daily, weekly and monthly basis and provides input to the regular reports of the construction manager.

**Dates** : From Nov. 2010 till Feb. 2012  
**Employer** : ALSTOM Egypt  
**Project** : El-Kureimat Power Station III - Combined Cycle 750MW  
**Job title** : Mechanical Commissioning & Start-up Engineer  
**Job Description** :
 

- Worked with ALSTOM team during overhaul of steam turbine and manager/controller of required manpower.
- Follow up dismantling and reassembly all the machinery parts (HP, IP, LP) steam turbine according to client recommendations.
- Visual check for the dismantling parts.
- Track and monitor operation conditions for the unit during commissioning, reliability and normal operation through ALASPA P320 system.

**Dates** : From Aug. 2008 till Nov. 2010  
**Employer** : KAHROMIKA  
**Project** : El-Kureimat Power Station III (Combined Cycle 1x750MW)  
**Job title** : Mechanical Piping & Construction Engineer  
**Job Description** :
 

- Review and study all isometric and drawing.
- Prepare the material request & material for fabrication.
- Supervise the fabrication and installation of critical and non-critical piping, pipe supports.
- Supervise assembly and erection of condenser, and installation of heavy equipment skids.
- Review for all activities to be in schedule date.
- Determine priority for activities and prepare the daily and weekly progress site reports.
- Supervise hydro test, flushing, and direct the labor and technicians during the chemical cleaning, steam blowing off, and reinstatement the piping systems.
- Conduct system walk-downs to identify and log defects and rectification measures in a punch list.
- Participate in weekly construction progress meetings with EPC contractors, and internal site progress meetings.

**Dates** : From Apr. 2007 till Aug. 2008  
**Employer** : KAHROMIKA  
**Project** : El-Kureimat Power Station II (Combined Cycle 1x750MW)  
**Job title** : Mechanical Piping & Construction Engineer  
**Job Description** :
 

- Review and study all isometric and drawing.
- Prepare the material request & material for fabrication.
- Supervise the fabrication and installation of critical and non-critical piping, pipe supports.
- Supervise assembly and erection of condenser, and installation of heavy equipment skids.
- Review for all activities to be in schedule date.
- Determine priority for activities and prepare the daily and weekly

progress site reports.

- Supervise hydro test, flushing, and direct the labor and technicians during the chemical cleaning, steam blowing off, and reinstatement the piping systems.
- Conduct system walk-downs to identify and log defects and rectification measures in a punch list.
- Participate in weekly construction progress meetings with EPC contractors, and internal site progress meetings.

**Dates** : From Oct. 2006 till Apr. 2007

**Employer** : KAHROMIKA

**Job title** : Maintenance & Workshop Engineer

**Job Description** :

- Spare parts list reviewing with equipment sectional drawings against contract requirements.
- Preparing and applying periodic maintenance plans according to O&M manuals.
- Preparing the lists of consumables as gaskets, oils and greases...etc. according recommendations.
- Studying, selection, approval and taking over of general maintenance tools and workshop equipment.

**Field of experience** :

- Over 14 years of experience in Engineering, Construction, pre-commissioning and Management of Mechanical items in large industrial projects of Greenfield and brownfield Oil & Gas, refineries, and power stations, with international EPC contractors, Construction subcontractors and major client's exposure.
- Worked in different positions, from Workshop Engineer, Construction Engineer, Lead Construction Engineer, Site Supervisor, and Mechanical and Piping Site Superintendent.
- Proven leadership in project management, Interface coordination, piping construction and field coordinator.
- Technically, and managerially competent to anchor project execution operations and deliver project within deadlines and quality parameters, closely working with project participants and stakeholders.
- Key Skills:
  - Project Management.
  - Planning.
  - Piping construction.
  - Onshore Field Supervision.
  - Interface Coordination.
  - Constructability Review.
  - Technical Advisory & Consulting.
  - Leadership & Team Management.