

Holds a B. Sc. in Mechanical Power Engineering and has about 12 years hands-on experience in Construction, Testing, Pre-commissioning and Commissioning gained from working in a prestigious projects (Power Plants, LNG & Ports). Has very good understanding of project management operations from management systems to detailed design, design specification and working within a diversity of projects.

## **PERSONAL DATA**

Nationality : Egyptian (Australian PR)  
Birth Date : 03/04/1982  
Gender : Male  
Residence : Wembley, WA – Australia

## **EDUCATION**

: B. Sc. in Mechanical Power Engineering, 2005

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

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

## **TRAINING COURSES AND CERTIFICATIONS**

: PMP certified (PMP Number 1607272).  
: PE certified from Engineers Australia.  
: MMUP Certified.  
: Risk Assessment.  
: Organization, Leadership and Negotiation.  
: Testing, Pre-commissioning & Commissioning.  
: Managing Workplace Substances.  
: Safety Awareness Training.  
: Safety & Health Investigation.  
: Practical training on boilers, pumps and refining towers, Cairo Petroleum Refinery, Tanta Lab.

: Field training on boilers, air conditioning and combustion engines maintenance, Delta Textile Co., Tanta Factory.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Feb. 2015 till now

**Employer** : CCC/TCC JV – Lusail City, Doha – Qatar

**Project** : Lusail Commercial Boulevard (LCB) Project

**Job title** : Mechanical Project Engineer

**Job Description** :

- Leading Mechanical department to execute construction, Testing, Commissioning and start-up of Utilities (Potable, Fire, Irrigation, Foul, Storm water, District cooling & Gas Network) and Building MEP works in LCB project, moreover focal point coordinating Testing, Commissioning and Handing over to authorities for the overall project.
- Reviewing the BOQ against Tender Drawings & Documents and advice discrepancies to Engineering, QS and contract depts.
- Prepare method statements, Procedures and Job Safety Analysis (JSA) related to all mechanical scope.
- Studying the IFC drawings and specifications and then advice discrepancies and raising it to the designer for further actions.
- Coordination with Local Authorities for approvals of Material submittals, Method statements and Shop drawings.
- Study all drawings, Specifications, BOQs and Contract to prepare a presentation for Mechanical Scope of the project, and then present it to higher management.
- Holding meetings with higher management to decide which packages of the scope to be subcontracted based on that I prepared the packages and started contacting the proposed subcontractors/vendors through meetings, emails and phone calls.
- Preparing and prioritizing Material Take-Offs as Pipes (DI, VC, HDPE, CS and PVC), Fittings, Valves and Equipment (Pumps and Tunnel Jet Fans).
- Preparing Organization Chart for Mechanical team, identifying manpower requirements and periods (Manpower Plan), and submit it to higher management and HR department to start recruiting staff and manpower.
- Preparing three month look ahead schedule for Utilities.
- Preparing plant and equipment requirements plan and ensuring the availability of plant and equipment to my crew, as necessary. Ensure that all such equipment and plant are utilized at optimum levels.
- Holding interface meetings with other packages (adjacent projects) to discuss interface tie-in points with them and coordinating the work activities to avoid site clashes and to update shop drawing by engineering dept. accordingly.
- Plan intended work schedules for my crew, explaining them in advance to my concerned subordinates. Prepares weekly and bi-weekly programs of daily activities showing detailed manpower and equipment allocation in my area of responsibility.
- Control and co-ordinates all activities directed towards execution of the work package entrusted to me, using adequate construction crew made up of different trades and unskilled labours.

- Ensuring the safe work environment by advising required trainings to the subcontractors manpower and following the projects HSE rule and regulations.
- Managing all on site interface with other adjacent packages.

**Dates** : From Sep. 2012 till Feb. 2015

**Employer** : CCC/TCC JV – Ras Laffan – Qatar

**Project** : Barzan Onshore Project (BOP)

**Job title** : PMC / Testing Section Engineer

**Job Description** :

- Leading Testing Department to perform Hydro testing of two process trains 1 & 2 U/G and A/G piping, also Supervising subcontractor for Construction, Testing and commissioning of Firefighting system of BXK05 (Warehouse, Admin and Workshop) building, I've successfully led around 300 team members to achieve safe and optimum job.
- Control and co-ordinate all activities directed towards execution of the work package entrusted to me, using adequate construction crew made up of different trades and unskilled labours.
- Liaise with all concerned in the project to ensure the availability of plant, equipment, manpower and material required to execute my part of the project.
- Plan, within the confines of the established work program, the optimum utilization of my work force and equipment, endeavoring to avoid loss and wastage of time and material.
- Exercise my professional and technical competence in order to monitor the quality of works under progress and to advise and guide my subordinates on work methods with which they are not familiar.
- Request materials at my own discretion and responsibility in a timely manner to ensure their availability on site as required.
- Plan intended work schedules for my crew, explaining them in advance to my concerned subordinates. Prepare weekly and bi-weekly programs of daily activities showing detailed manpower and equipment allocation in my area of responsibility.
- Check on the conduct of work in progress to ensure proper output in terms of both quantity and quality in a safely manner and good housekeeping is practiced at all times.
- Ensure the availability of plant and equipment to my crew, as necessary. Ensure that all such equipment and plant are utilized at optimum levels.
- Prepare working sketches as required to aid my subordinates in getting work carried out in accordance with the contractual specifications and craft standards.
- Participate in normal "on-the-job" training and development of my subordinates, especially during the early stages of the project's life where crews are being formed and trained to perform their assigned tasks.
- Interacting with the client regarding the progress of the project.
- Preparing & submitting filled hydro test reports to the client.
- Station Piping Test pack Preparation, Final Test pack review and submit to the client and witness of the Hydro Test, Control all test (Hydro & pneumatic without any accident).
- Preparing and witnessing the Hydro test / Pneumatic test and approval.

- Identification of test loops, preparation of test packages and coordinating for Hydro test.
- Test Pack Co-coordinating and Preparation of final documents for handing over to client.
- Supervising Firefighting subcontractor activities including material receiving/approval, manpower availability, and construction works.
- Studying and reviewing all firefighting drawings (single line, layout diagrams and Isometric) to confirm compliance with NFPA and checking for any required modifications to suit the site conditions then sending my comments to Engineering department for further action.
- Checking the daily and weekly progress reports and advising subcontractor required actions to meet the target.
- Ensuring the safe work environment by advising required trainings to the subcontractors manpower and following the projects HSE rule and regulations.
- Supervising testing and commissioning activities as per NFPA.
- Operational tests and handing over the system to the client (RG EMS team).
- Solving any troubleshooting appears.

<b>Dates</b>	:	From Mar. 2010 till Aug. 2012
<b>Employer</b>	:	CCC/TCC JV – Ras Laffan, Qatar
<b>Project</b>	:	Ras Laffan Port Expansion Project (RLPEP)
<b>Job title</b>	:	Testing / Commissioning Section Engineer
<b>Job Description</b>	:	<ul style="list-style-type: none"> <li>• Leading the T&amp;C Mechanical team to successfully perform Testing, Pre-commissioning, Commissioning, Start-up and Initial Operation of fire water, utility pipelines &amp; Pump stations, buildings Firefighting and chlorination systems, I've successfully led around 100 team members to achieve safe and optimum job in terms of safety, schedule and quality.</li> <li>• Preparation of Test Packs and obtain approval from the client (Qatar Petroleum).</li> <li>• Preparation of Pre-commissioning and Commissioning Procedures and obtain approval from the client (QP).</li> <li>• Plan, Supervise and Execute the Testing, Pre-commissioning, Commissioning, operational and Performance tests for utility systems.</li> <li>• Liaise with all disciplines at site for the availability of plant and material required to execute the job.</li> <li>• Ensuring that all plant mechanical and piping systems have been correctly hooked up with appropriate construction check sheet completed.</li> <li>• Ensuring that all construction and pre-commissioning checks are witnessed and complete.</li> <li>• Supervising the receiving, inspection, and testing of commissioning materials and equipment and ensure that they are in accordance with the order/contract prior to receipt and/or acceptance by the Company.</li> <li>• Coordinating with the contractors and subcontractors and facilitating vendors on pre-commissioning and commissioning activities.</li> <li>• Ensuring that pre-commissioning, testing and commissioning works are carried out safely, in accordance with Company's standards and procedures and project specifications, and meet acceptance criteria.</li> </ul>

- Ensure the work is executed without any impact in budgeted cost.
- Prepare daily reports – progress – machinery – manpower.
- Plan manpower and machinery to overcome work constrains.
- Coordinate with the client (Qatar Petroleum) Commissioning department day-to-day basis.
- Monitor and follow up of system completion.
- Plan and utilize manpower and machinery within the budgeted cost.
- Preparation of operational and performance tests for the systems.
- Execution of the operational and performance tests for the systems.
- Prepare and execute the Start-up and Initial operation of utilities and Fire water system.
- Arranging handing over walks and documents.

<b>Dates</b>	:	From Nov. 2007 till Feb. 2010
<b>Employer</b>	:	CCC/TCC JV – Ras Laffan, Qatar
<b>Project</b>	:	Ras Gas Expansion Project (RGX) LNG Trains 6, 7 & AKG
<b>Job title</b>	:	PMC / Testing Engineer
<b>Job Description</b>	:	<ul style="list-style-type: none"> <li>• Leading PMC site team performed Pre-mechanical commissioning of Train 6 &amp; 7 and AKG2, performing Air Blowing, Water Flushing, Lube oil Flushing, Degreasing and Steam Blowing for Piping and Equipment I one of the largest LNG plants in the world, I've successfully led around 400 team members to achieve safe and optimum job in terms of safety, schedule and quality.</li> <li>• Preparation of method statements and obtain approval from the client.</li> <li>• Ensure PMC scope of work and time limit is well defined and the construction activities are aligned with overall time limit and expectation.</li> <li>• Control and co-ordinate all activities at site related to PMC ,direct supervision crew make up of various trades including skilled/unskilled labour force.</li> <li>• Liaise with all disciplines at site for the availability of plant and material, required to execute the job.</li> <li>• Ensure all PMC activities are executed in safe and competent manner with most safe environment.</li> <li>• Inform all disciplines prior to commence of any air blowing using rupture disc.</li> <li>• Ensure the work is executed without any impact in budgeted cost.</li> <li>• Identify the critical material availability and advice for early procurement to meet the target date of the job completion.</li> <li>• Prepare daily reports – progress – machinery – manpower.</li> <li>• Plan manpower and machinery to overcome work constrains.</li> <li>• Conduct daily safety toolbox talk and risk involved in hydro/pneumatic test day-to-day basis.</li> <li>• Ensure the site housekeeping is maintained at times.</li> <li>• Carry out a detailed assessment of the pre-commissioning works and assesses the available resources and possible constrains in its execution.</li> <li>• Coordinate with the client PMC department day-to-day basis.</li> <li>• Monitor and follow up of system completion.</li> <li>• Plan and utilize manpower and machinery within the budgeted cost.</li> </ul>

- Ensure the work forces carry out work safely and HSE conditions and practices are prevailing at work site.

**Dates** : From Aug. 2005 till Oct. 2007  
**Employer** : ALHASHEMIAH Contracting Co., Cairo – Egypt  
**Project** : Cairo North Power Station II  
**Job title** : Piping Field Engineer  
**Job Description** :
 

- Supervising & Leading Piping team to perform erection, Testing & commissioning two Boilers and Pipe rack, I've successfully led around 200 team members to achieve safe and optimum job in terms of safety, schedule and quality.
- Material Control for the valves, supports, fittings and spools, large and small bore.
- Progress of Erection for piping and supports.
- Punch List preparing before testing.
- Preparing of progress charts and reports.
- I had also some other tasks to do such as cranes and riggers control.
- During this period I've gained a lot of experience in many technical office tasks & piping erection.

Skills:

- Managerial skills:
  - Experienced in motivating and coordinating team efforts within a project.
  - Experienced in directing and leading teams through all types of projects.
  - Experienced in work prioritizing and scheduling.
  - Experienced in reporting to both upper and lower management.
  - Excellent resource allocation, time management, action planning and objective setting skills.
- Communication skills:
  - Experienced in write-up of method statements and procedures.
  - Expert ability in presenting projects as well as preparing information campaigns.
  - Good at negotiating with suppliers and customers and communicating with all kinds of people.