

MOHAMMED SHIJAD KAITHAL

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Senior Project Engineer - Mechanical

OBJECTIVE:

Open to new challenges which encourages me to succeed, grow professionally & where I can utilize my skills & knowledge for the success of the organization.

PROFESSIONAL EXPERIENCE:

Technically competent Mechanical Engineer, offering comprehensive experience of over 12 years in Project Management, Operations & Maintenance Turnaround Shutdown, Safety & Quality Management system, Resource Management, Production Management & Mechanical Fabrication Shop Management. Last spearheaded as Senior Project Engineer with AlMeer Saudi Technical Services Co. W.L.L

Work History: -

A. Position : Senior Project Engineer

Employer : AlMeer Saudi Technical Services Co. W.L.L

Duration : Oct 2019 – Nov 2021.

Projects Handled:

Project Scope: - Complete operation & maintenance T&I shutdown of RT Terminal Offshore & Onshore Crude & White product delivery (bunkering) station called Sea Island#4 & North Pier 8 & 9. Scope includes Mechanical(structural), Piping, Blasting, Painting, Electrical & instrumentation repair, replacement, maintenance & new erection/installation works.

I. Saudi Aramco RT Terminal, Sea Island#4 T&I Shutdown:

Duration: Dec 2019 - Nov 2021

Client: *Saudi Aramco*

II. Saudi Aramco RT Terminal, North Pier Berth 8 & 9 T&I Shutdown:

Duration: From April 2021 – Nov 2021(Mobilization Completed)

Client: *Saudi Aramco*

Duties and Responsibilities:

1. Part of **Project estimation, Bidding** & initial Procurement team.
2. **Review** the project scope of work, material take off, material specifications, **design drawings** and calculations supplied by the Client for any conflict with the requirement of the Quality standards and consult the Client's Engineering Department to initiate the corrective actions (if any conflicts) prior to commencement of work.
3. **Mechanical Engineering** Technical assistance during, estimation, planning, procurement & execution stages of the job.
4. Assisting the planning department to **develop execution** plan upto level 4.
5. Assisting the scheduler to **update the execution** of day-to-day activities.

6. Real time **Resource planning, management, allocation, utilization and control** as per the progress and requirement of the project.
7. Plan, Co-ordinate & efficiently organizing the work & production through various departments / sections to **ensure production targets are achieved** with regards to both quantity and quality.
8. Responsible for the **timely execution** of different genres of work with quality as per the plan.
9. **Quality Control** of Mechanical & Painting activities .
10. Monitoring on Pre **Turnaround(TA)** activities, Mobilization, TA activities, Post TA activities, Demobilization & logistics requirement.
11. **Review** of Project Quality Plan & Contractor's Site Safety Plan and submit to client for approval.
12. Perform & assist **Quality Inspections** along with the TPI/Client Representative.
13. Conducting daily/weekly/monthly progress review / look ahead plan / execution **meetings** with client, Project Management, execution staffs & subcontractors to evaluate the progress till now & to plan ahead.
14. **Liaison** with client inspection & PMT department.

B. Position: Senior Project Engineer & QC Supervisor (Coating)

Employer: RAYMOND INTERNATIONAL Co. Ltd.

Duration: March 2011 – September 2019

Projects Handled:

I. Turn Around Shutdown

Saudi Chevron Phillips (S-Chem) Turn Around Shutdown - 2018:

Duration: January - April - 2018

Role of Action: *Senior Project Engineer (Site Manager)*

Project Scope: - Removal of existing old US Filter Traveling water screens from the Sea water intake Sump, Assembly & Installation of 2 new US Filter Traveling water screens & its accessories into the Sump. Traveling screens are of 14 mtr high, 5 mtr wide & 14 ton in weight.

II. Piping Shop Fabrication and Internal & External Protective Coating:

Role of Action: *Senior Project Engineer & QC Supervisor*

Project Scope: - *Piping Shop Fabrication & Shop Applied Internal Cement Mortar Lining*

- **SADAF EOP Project**
Main Contractors: *TCC & CNCEC*
- **Saudi Electric Company Shuqaiq Steam Power Plant Project:**
Main Contractors: *Hyundai Heavy Industries*
- **Qatar Petroleum – Utilities Project**
Main Contractors: *Target Engineering Const. Co.*

Project Scope: - *Piping Shop Fabrication & Shop installation of Internal Tight Fit HDPE Lining*

- **Ma'aden Phosphate Company, Saudi Arabia, Tailings Storage Facility Project**
Main Contractors: *FMSCO, Saudi Arabia & HQC*

Project Scope: - *Piping Shop Fabrication & Shop applied Internal FBE Coating & External Painting*

- **Al- HOSAN GAS, Abu Dhabi Gas Development Company - Shah-Gas Development (SGD) Program**
EPC Package 4 - Shah Utilities & Off-sites Project Abu Dhabi
Main Contractors: *SAMSUNG & METITO UAE*

III. Vender Shop applied Corrosion resistance Internal coatings and External coating

Role of Action: Senior Project Engineer & QC Supervisor

Project Scope: - **Internal coatings** like Cement Mortar Lining (shop applied & onsite), FBE, Tight Fit HDPE, Rubber Lining Etc. and **External coating** like HSS Wrapping, Cold Wrapping, Painting etc.

- **Saudi Industrial Property Authority (MODON) WTP Project for Dammam 2nd Industrial City**
Scope: Shop Applied Internal Rubber Lining of chemical tanks.
Main Contractor: Olayan & AlKawther Industrial Co. Ltd.
- **Saudi Aramco - Rastanura Refinery Clean Fuels Project**
Scope: Shop Applied Internal Cement Mortar Lining of Piping spools; size from 4" to 54" dia.
Main Contractors: Tecnicas Reunidas, Tamimi Ind.Services, AYTB, NSH & Evergreen
- **BACS Joint Venture - Riyadh Metro Project**
Scope: Shop Applied & Onsite Internal Cement Mortar Lining of Piping spools; size from 4" to 64" dia.
Main Contractors: BACS & IMCO
- **SWCC Raz Al Khair – Riyadh Water Transmission Line Project:**
Scope: Shop Applied & Onsite Internal Cement Mortar Lining of Pipelines; size from 20" to 72" dia.
Main Contractors: Mapa Limak MNG(MLM) & A-hak SSEM RTCC
- **SWCC Jubail – Riyadh Water Transmission Line Project:**
Shop Applied & Onsite Internal Cement Mortar Lining of Pipelines; size from 80" to 100" dia.
Main Contractors: RTCC
- **Multiple other Projects:**
Clients: Saudi Aramco, SABIC, SWCC, NWC, Ma'aden Affiliates, IMCO, PanGulf, Trags Qatar, JGC Gulf, Mc-Dermott, Samsung, Saipem, SETE, SAMREF, Worley Parsons, Edgen Murray, Technimont S.A, Gerab International.etc

Duties and Responsibilities:

1. **Project estimation** & Coordinating with Procurement department as per the progress and requirement of the project for procuring the materials.
2. **Review** the project scope of work, material specifications, **design drawings** and calculations supplied by the Client for any conflict with the requirement of the Quality standards and advise the Client's Engineering Department to initiate the corrective actions prior to commencement of work.
3. Preparation of **Cost breakdown sheet, Material take off of & Production Schedule** Chart using MS Excel.
4. **Review** of Method of Statements for different activities and submit to client for approval.
5. Perform & assist **Quality Inspections** along with the TPI/Client Representative.
6. **Control & Coordination** of PQT as per the project specification & requirements
7. Act as **technical support** for various projects & departments.
8. Attend Job Ex meetings, Site/Job visits & Kick off Meetings with clients. Then prepare a **technical analysis report** on the job & submit this to higher management & tendering Department.
9. **Resource planning, management, allocation, utilization and control** as per the progress and requirement of the project.
10. Review of **Look Ahead Schedules, Daily, Weekly and Monthly progress reports** & submit to Client & concerned personals.
11. **Progress review & Monitoring:** Attending weekly/monthly progress Review meetings with client.
12. Plan, Co-ordinate & efficiently organizing the work & production through various departments / sections to **ensure production targets** are achieved with regards to both quantity and quality.

13. Control & Coordination of **onsite & offsite activities**, & Preparation, Review and Verify the QC inspection documents of the same.
14. In the absence of **Project / Site Manager** take over responsibilities.
15. Collecting Monthly Production, Manpower & Equipment status from all site and projects of the Company & a complete consolidated **monthly overview** of the whole projects is prepared & submitted to higher managements.
16. **Production plan & Quality Control of Pre-fabrication Shop** (Fabrication and modification of pipe line and support inspection, NDT activities & coating work for piping spools), Cement Mortar Lining Shop, Rubber Lining activities, HDPE Lining activities etc.
17. Deal with all Vendors, suppliers & contractors on **agreeing project specification**.
18. **Review/Validate** and approve contractor's **Quality documents**.
19. Verify & Sign Off the **Quality records** of each of the Respective disciplines in compliance with the requirements of the Project and the Quality management system.
20. Conduct **Internal Safety & Quality Audits** as per OHSAS & ISO Standards.
21. **Ensure** all **safety measures** are taken into consideration through compliance to all Applicable standards & codes in Practice, adherence to governing codes and adherence to client specifications and maintaining of necessary documents.
22. Quality Control of all activities in **material handling**, storage, preservation etc as to ensure adequate protection & proper storage, handling & preservation of the materials at site.

C. Position: Mechanical Maintenance Engineer

Employer: **M/s P.M.H Koya Engineering Contractors, India.**

Duration: **August 2009 – Sept 2010**

One-year experience in construction, maintenance, operation services and engineering in mechanical projects in A.C.C. New cement plant, Heidelberg Cement Plant, & Ambuja Cement Plant. Worked as a Mechanical Maintenance engineer & Project Mechanical Engineer.

Duties & Responsibilities:

1. Review project construction, Monitor and oversee construction progress, and submit reports regularly to the top management.
2. Manpower allocation, utilization and control.
3. Progress review & Regular monitoring of works on the site.
4. Taking all measures to execute the work on site as per planned schedule.
5. Coordinate between central and site planning.
6. Ensure all safety measures are taken into consideration & preparing a proper Work Permit.
7. Request for inspections and attending the inspection with client.
8. Responsible for regular maintenance of various Mechanical Equipment.
9. Dismantling & Erection Coal shed with 40-meter Belt Conveyor
10. Fabrication & Erection of Alternative fuel reducer (AFR) Feeding system to Calciner as per the drawings.
11. Submit final project completion evaluation and analysis after the completion of each project.

KEY SKILLS

1. Experienced in **leading** a team of Engineers
2. Outstanding **work ethic** with attention to quality, costs and project scheduling (deadline).

3. Ability to establish and maintain **effective working relationships** with clients, consultants, and others contacted in the course of work.
4. **Hardworking** with a positive attitude
5. Strong sense of **responsibility and self-motivation**
6. Ability to work well, independently and as a member of team under pressure to **meet schedule deadlines**
7. Outstanding **communication skills**
8. Excellent **prioritization and organizational skills**
9. Monitor daily operations and enhance processes to **maximize efficiency**

EDUCATION, TRAINING & CERTIFICATION:

1. **Graduation: Bachelor of Engineering** in Mechanical Engineering from Anjuman Engineering College, Bhatkal (aka AITM) under Visveswararajah Technological University, Belgaum, India in the year 2009.
Saudi Council of Engineers membership ID# 169353
2. **BGAS-CSWIP Painting Inspector Grade 2. ID# 767704**
3. **Piping Design (Process Piping)-ASME B 31.3**
4. **PG Diploma in Project Planning & Management using MS Project 2010 & PRIMAVERA**
5. **Foundations of Project Management** certification by Google.

ADDITIONAL CREDENTIALS:

1. Certified **Internal Safety Auditor** by National Inspection and Technical Testing Co. Ltd (FAHSS/TUV), Dammam (KSA) as per **OHSAS 18001:2007, Occupational Health & Safety Management System Standards.**
2. Certified **Internal Quality Auditor** by National Inspection and Technical Testing Co. Ltd (FAHSS/TUV), Dammam (KSA) as per **ISO 9001:2008, Quality Management System Standards.**

COMPUTER SKILLS:

Operating Systems: **MS Windows**

Tools: **MS Office**, MS Project 2010(Basic) & Primavera P6 (Basic).

PERSONAL PROFILE:

Date of Birth : September 07, 1987

Nationality : Indian

Religion : Islam

Status : Married

Saudi Arabia Visa Status: Resident Visa (Profession – General Mechanical Engineer) (Transferrable Valid till January 2023)

Languages Known : English, Hindi & Malayalam (Native).