

MOHANRAJ .V

Bachelor of Engineering (B.E)
(In Mechanical Engineering)

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CAREER OBJECTIVE:

I am a dedicated, hardworking and proactive Mechanical Engineer with a strong background in Oil & Gas Field Turnaround, Major Maintenance, Shutdown & Preventive Maintenance of Static Equipment. I am currently looking for an opportunity to utilize my technical skills in a challenging working environment and become a valuable asset to the organization that I work for.

EDUCATIONAL QUALIFICATION:

Bachelor of Engineering (*Mechanical Engineering*)

Veltech Engineering College, Chennai - India.

(Completed in 2009)

(Anna University)

EXPERIENCE SUMMARY:

Having 14+ Years of Experience which includes 08+ years of Abroad experience (Gulf Countries) and 06 Years of experience in home town in Oil and Gas Field Refineries & petrochemical plants Turnaround, Major Maintenance, Shutdown, Routine Maintenance & Construction and would sustain on my own skills and experience in static equipment's Maintenance, Inspection, Modification, Repair Etc. My strengths include strong Knowledge in High pressure Heat Exchanger activities which includes de-tensioning and tensioning of bolts, cover removal and re-installation, Diaphragm cutting and welding, bundle pulling & installation, Hydro jetting cleaning, plugging and Hydro test activities, other Heat Exchanger Maintenance activities which includes cover removal an re-installation, bundle pulling & installation, plugging, Hydro jetting cleaning and Hydro test activities, Column Maintenance Activities which includes Tray Replacement, Nozzle replacement, Internal lining, Revamp, Modification & Repair and Hydro jetting cleaning, , Fin fan Air Coolers Maintenance activities which includes Plug removal and installation, Hydro jetting cleaning, plugging and Hydro test activities, Drums Maintenance & Repair activities, Valves Removal & Replacement which includes Pressure and Safety Valves, Control Valves, Manual Operating Valves, Gate Valves Etc. I also possess knowledge in offsite routine maintenance activities in Tank Repair, Maintenance, Inspection, Modification, Repair & Replacement which includes tank demolition, shell full and partial replacement, annular plate replacement, bottom plate replacement, nozzles replacement and Pipelines Fabrication & Erection Etc., and onsite maintenance activities which include static equipments maintenance jobs, piping and structural jobs.

AREAS OF INTEREST:

A leading role in Maintenance of Static Equipments (Columns, Heat Exchangers, Drums, Air Coolers, Valves) in Refineries and petrochemical plants (Oil & Gas Field), Tank Maintenance Activities (Roof Replacement, Bottom Plate & Annular Plate Replacement, Shell Replacement, Nozzle and connected pipeline replacement activities).

PERSONAL SKILLS:

Team Leader, Decision Maker, Problem Solving Abilities, Self Motivated, Hard Working, Innovative, Flexible, Excellent Verbal and Written Communication skills, Ability to deal with people diplomatically, willingness to learn and team facilitator.

ORGANISATION DETAILS

- 1) **June 2022 – Till Date** : **Area Coordinator**
Organization : **Bahrain Special Technical Services (BSTS), Bahrain**
Client : **BAPCO, Bahrain**
- 2) **October 2021 – March 2022** : **Unit Leader**
Organization : **Integrated Specialized General Contracting Company (ISCCO), Abu Dhabi**
Client : **Borouge, Abu Dhabi**
- 3) **August 2020 – July 2021** : **Shift Incharge**
Organization : **Contract Resources Petrochem services, India**
Client : **Reliance Industries Ltd, Jamnagar, India**
- 4) **Sep 2019 – March 2020** : **Unit Incharge**
Organization : **Special Technical services (STS), Abu Dhabi**
Client : **ADNOC, RRW, Abu Dhabi**
- 5) **Nov 2015 – Sep 2019** : **Area/Unit Co-Ordinator**
Organization : **Kanooz Contracting Establishment, Saudi Arabia**
Client : **Saudi Aramco SABIC Affiliates, Saudi Arabia**
- 6) **Mar 2011 – Oct 2015** : **Execution Engineer**
Organization : **St. Antony's Engineering Contractors, India**
Client : **Chennai Petroleum Corporation Ltd, Chennai, India**
- 7) **Aug 2009 - Feb 2011** : **Maintenance Engineer**
Organization : **Amar Engineering Company, India**
Client : **Chennai Petroleum Corporation Ltd, Chennai, India**
- 8) **April 2015 – May 2015** : **Execution Engineer**
Organization : **Edac Engineering Limited**
C/O Sabila Oil & Gas Services, Kuuwait
Client : **EQUATE, Kuwait**
- 9) **August 2014 – December 2014:** **Execution Engineer**
Organization : **Edac Engineering Limited, Kuwait**
Client : **EQUATE, Kuwait**

10) March 2013 –May 2013 : Execution Engineer
Organization : ESP (Asia) Pvt. Ltd.
C/O Galfar Engineering and contracting SAOG
Client : ORPIC, Sohar, Oman

Major Duties and Responsibilities:

- Main responsibility is leading a team to carry out Shutdown, Repair & Maintenance activities in Refineries & Petrochemical industries for Static Equipments in Quality, Safety and Timely hand over. Plan, supervise and coordinate all activities in the assigned area to meet functional objectives.
- Ensure with planning team that all jobs are planned and scheduled with appropriate resources for safe and effective execution of Turnaround.
- Review preventive maintenance plans / schedules and prepare task list / maintenance programmes for mechanical equipment in the plant and supervise the execution of such programmes.
- Preparing and Reviewing Task Risk Assessment (TRA / JSA) and comply with all requirements for smooth perform of all TA activities.
- Estimating Resources (Man Power, Equipments and Tools & Tackles) as per scope of work and getting approval prior to start of job.
- Reviewing Scope of work, executing jobs as per scope and getting approval from clients if jobs done out of scope.
- Prepare, review and approval of Work Package, Work Method Statement for each individual equipments handled in the unit.
- Provide guidance and advice on actions to be taken on chronic problems, and review requirement for major repair and spares replacements to ensure that all equipment is in accordance with internationally recognized engineering standard.
- Ensure the assigned staff is aware of the scope of work and to Train and develop the assigned staff on relevant skills to enable them to become proficient on the job and deliver the respective section objectives.
- Monitoring the activities according to planning Primavera schedules and targeting the jobs to complete within time scheduled.
- Participating in the Pre TA, during TA and post TA meeting and implement the outcome and job follow up with team and focusing on critical paths.
- Liaise with company TA team, Inspection Team, Maintenance Engineers and Supervisors for technical requirements, documentation and job progress reporting.
- Providing Daily progress reports, Equipment Status report and Various Look Ahead Schedule by using primavera and excel and also make recovery plan (if necessary).
- Analyzing the critical equipment in the schedule.
- Plan and coordinate Mechanical Maintenance activities with other departments, sub contractors and sections to optimize the utilization of section manpower and to plan and control the major & minor shutdown activities and expenditures.
- Ensure availability of spares, coordinate and follow-up new material orders. Create new proposal for stocking spares (PFS) mainly for new equipment, create item change request, spare parts control, and delete unwanted inventories from the stock.

- Conducting site survey for each individual equipments present in the unit and preparing necessary requirements for the smooth and safe execution of the job.
- Comply with relevant HSE policies, procedures & controls and applicable legislation and sustainability guidelines in line with international standards, best practices and Client Code of Practices. Ensuring that all the rules and regulations of Health, safety & Environment Policy are included in all the maintenance plans.

Shutdowns & Clients Handled:

1. **BAPCO** (Bahrain Petroleum Company) LSDP Complex Shutdown 2022, LSFO Complex Shutdown 2022-2023, 4A CDU Shutdown 2023, SWS Train1 & Train2 Shutdown 2023, FCCU Complex Shutdown.
2. **BOROUGE** (Joint venture between Abu Dhabi National Oil Company (ADNOC) and Borealis) Borouge -1 EU, PE &PP Unit, Utilities TA2022.
3. **RIL** (Reliance Industries Ltd., Jamnagar, Gujarat) DTA Complex, DHT-1, KHT-1, SWS Train1 & Train2 Shutdown 2021.
4. **ADNOC** (Abu Dhabi National Oil Company, Ruwais Refinery West, Ruwais - Abu Dhabi)CDU-1 Turnaround 2020.
5. **SATORP** (Saudi Aramco Total Refining & Petrochemical Company - Joint venture between Saudi Aramco and Total multinational energy company, Saudi Arabia) CCRU Turn Around 2018 & SRU 2019-20, RHCU 2023.
6. **LUBEREF** (Saudi Aramco Base Oil Company - Joint venture between Saudi Aramco and Mobil Petroleum Company, Yanbu - Saudi Arabia) Turn Around 2019.
7. **AL BAYRONI** (Al-Jubail Fertilizer Company - Saudi Basic Industries Corporation (SABIC) Affiliates, Saudi Arabia) Turn Around 2019.
8. **SAFCO 2, 3, 4 & 5** (Saudi Arabian Fertilizer Company - Saudi Basic Industries Corporation (SABIC) Affiliates, Saudi Arabia) Turn Around 2016, 2017, 2018 & 2019.
9. **Ras Tanaura Refinery** (Saudi Aramco – Ras Tanaura, CDU, Hydro cracker Unit, Hydrogen Generation Unit, Etc., Saudi Arabia) Turn Around 2016, 2017, 2018.
10. **S-CHEM** (Chevron Phillips Chemical Company, Saudi Arabia) Turn Around 2017 & 2018.
11. **SIPCHEM** (Saudi International Petrochemical Company - IAC, IGC, IDC PLANTS, Saudi Arabia) Turn Around 2017, 2018
12. **UNITED** (Jubail United Petrochemical Company - Saudi Basic Industries Corporation (SABIC) Affiliates, Saudi Arabia) Turn Around 2017.
13. **YASREF** (Yanbu Aramco Sinopec Refining Company - Joint venture between Saudi Aramco and China Petrochemical Corporation (Sinopec)) Turn Around 2017.
14. **IBN SINA** (The National Methanol Company - Saudi Basic Industries Corporation (SABIC) Affiliates, Saudi Arabia) Turn Around 2016.
15. **SASREF** (Saudi Aramco Shell Refinery - Joint venture between Saudi Aramco and Shell international, Jubail - Saudi Arabia) Turn Around 2016.
16. **Riyadh Refinery** (Saudi Aramco – Riyadh.) Turn Around 2016.
17. **MARAFIQ** (Sea water Cooling Systems - Jubail, Saudi Arabia) 2015.

18. **Petro Rabigh** (Rabigh Refining & Petrochemical Company - Joint venture between Saudi Aramco and Sumitomo Chemical, Rabigh - Saudi Arabia) Turn Around 2015.
19. **Equate** (Equate Petrochemical Company - Kuwait) Ethylene Cracking Unit, EG -2 Shutdown 2014 & 2015
20. **ORPIC** (Oman Refineries and Petrochemicals - Sohar Refinery, Sohar, Oman) Turnaround 2013
21. **CPCL** (Chennai Petroleum Corporation Limited - A Group Company of Indian Oil Corporation Limited, Tamilnadu, Chennai - India) Maintenance 2009-2015.

PERSONAL PROFILE:

Name : Mohanraj .V

Father name : Mr.R.Viswanathan

Mother name : Mrs.V.Adilakshmi

Date of birth : 29th July1987

Sex : Male

Marital status : Married

Passport No. : R 6280023

Passport Expiry date : 16/11/2027

Permanent Address : No.4, Nedunchalai Nagar, Subburayulu Street,
Cuddalore Taluk, Cuddalore - 607002.

Residential Address : Flat No.21, Building No. 1688, Street No. 2723,
Block 0927, Riffa, Southern Governate, Bahrain.

Languages Known : To read and write : English, Tamil, Hindi.
: To speak : English, Tamil, Hindi, Malayalam.

DECLARATION:

I hereby acknowledge that all the information given above is true to the best of my knowledge.

Place: Riffa, Bahrain

Date:

Yours Truly
(V.Mohanraj)