

Ajay PK

ajaypkv1253@gmail.com | +971 505146132 | Ajman, UAE



Professional Summary

Accomplished Mechanical Maintenance Engineer/QC engineer with over 2 year of experience. Proficient at implementation of preventive maintenance programs arranging handling operations. Checking of expense forecasts for maintenance activities. Proposing technical improvements and conducting preventive maintenance task. Proven history of successful execution in complex, multifaceted, highly competitive environments. Looking forward to leveraging my strong creative thinking, maintenance schedule document, risk management, process improvements, erection and commissioning skills to exceed organizational goals.

Skills & Core Competencies

Leadership	Managing budget	Erection & Commissioning
Time Management	Repairing Equipment	Technical Specifications
Task Management	Ensure Compliance	Corporate communication
Creative Thinking	Technical Support	Quality checking
Critical Thinking	Maintenance schedule	NDT inspection
Collaboration	Risk Management	

Key Achievements

- Successfully supported the engineering activities to complete the assigned works within allocated time frame and approved budget.

Professional Experience

Brothers Engineering Contractors/BREC Project Pvt Ltd
Kerala – India

Mechanical Maintenance Engineer/Supervisor/QC NDT

[July 2018-October 2020]

- P & ID verification of product pipelines and tank farm manifold area.
- Coordination to Provide skilled assistance for pipeline erection and maintenance at BPCL Cochin refinery.
- Hydro pressure test witness, painting and insulation inspection, pipe support inspection, NDT testing and pre commissioning activities.
- Prefabrication, erection and installation of equipment, expansion project, shutdown and maintenance of storage tanks.
- Maintenance and inspection of valves like DBBV, Plug valve, Gate valve, Stiner/filter, MOV, etc.
- Supervising technically assisting and assigning the team to accomplish the maintenance and achieve maintenance schedules ensured time.
- Preparing and presenting technical materials such as cost estimates, pipeline layout and flow simulation.

- Corresponded to provide reliable supervision in order to effectively control and approve onsite activities.
- Moderated with the Initial mobilization and establishment of the site.
- Formulated with safe execution of all works, provide correct orientation discussing risk assessment and conducting job safety analysis to mitigate hazards.
- Monitoring daily work activities and updating progress reports.
- Counselling to work towards the minimization of financial loss and wastage via effective management of site materials.
- Motivated with the implementation of field work with safety requirements and procedures.

Academic Project

Project Title

- Design and fabrication of vapour compression refrigeration system with condenser sub-cooling and waste water recovery.

Project Description

- The dynamic operation characteristics, the average and obtainable COPs and condenser water consumption rate were evaluated.
- In vapour compression refrigeration system refrigeration occurs mechanical energy used by compressor and water cooling helps to cool easily.
- Water cooled units in the domestic sector make more energy efficiency.

Professional Certifications

- Non Destructive Test Level 2 Certification [VT,PT,MT,UT,RT]
[Axion institute of petroleum] India

Computer Skills

- MS Office [Word, Excel, and PowerPoint].

Education

- Bachelors of Engineering in Mechanical Engineering from MES College of Engineering,
- University of Calicut, Kerala – India.

Language

- English, Tamil, and Malayalam.