** SINU**

[**Sinu.157807@2freemail.com**](mailto:Sinu.157807@2freemail.com)



A Progressive Mechanical Engineer with diploma in MEP and a proven track record of 3 years of UAE experience in construction and maintenance of Oil and Gas fields. A thorough professional and an active team player with analytical and strategic skills required for problem solving. Proficient in HAP 4.5 (Heat Load Calculation – HVAC systems), AutoCAD 2D, PRO-e and MS Office. Possess thorough knowledge of firefighting & Alarm system.

**STRENGTHS**



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| **Mechanical Engineering** | **Organizational efficiency** | **Team Management** | **Resource Management** |
| **Decision Making** | **Process Improvement** | **Problem Solving** | **Team Leader** |
| **Strategic Planning** | **Change Management** | **Project Management** | **Cost Controls** |
| **Staff Mentoring** | **Analytical & Interpersonal Skills** | **Manpower planning** | **Business Intelligence** |

**OCCUPATIONAL CONTOUR**



**Piping Supervisor- Construction & Maintenance Jun 2015 – Mar 2016**

Supervising Site activities, Co-ordination

*GS Engineering and Construction, Abu Dhabi, UAE*

**Responsible of site personnel during construction and mechanical completion/pre-commissioning phases. Supervising of above/under-ground piping systems (CS, SS, galvanised, cast&duct iron, copper, PVC and plumbing) erection & pressure-test performed**

* Prepare daily reports of work progress and manpower utilization
* Prepare weekly reports of the total spool erection, isometric weight installed, welded dia inches of

supports and joints and the remaining work front with the materials available

* Co-ordinate with the sub-contractors to achieve the targets and schedules set by the planning
* Issue the work permits, Job performer for RRD ensuring HSE requirements
* Co-ordinate with various departments of Takreer, GS E&C and Sub-contractors for trouble shooting

day to day activities

* Conduct safety walk through in the site in co-ordination with the safety department on weekly basis

* Co-ordinate the Tie- in activities inside Takreer Refinery
* Prepare hydro-test packages; follow up hydro test, clear the punches
* Co-ordinate with Commission team for the lines with product, system wise for turnover
* Inspection and approval of all the QA/QC submittals of the subcontractor
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**Site Engineer - Piping & Mechanical Aug 2014 – Jun 2015**

Organising ,Liaise with Main & Sub-Contractor & Site supervision

*Pureworld Middle East, Abu Dhabi, UAE*

Recruited as a Site Engineer for “Inter Refinery pipeline-2 Project” to look after the demolition of existing fire hydrant and piping .Rerouting and installation of new hydrant and its piping including TIE-IN. hydro testing, coating and wrapping of welding joint. The project includes erection of Scraper launcher units, Metering skid, filters , closed drain vessel and piping works, Process, Oily water sewer(GRE) ,Blow down(PE coated),Utility and Fire water lines. The project also comprises of hydro testing, Coating and heat shrink sleeve for PE coated lines. The entire job comprised of erection, installation of booster pump, feed pump, and structural works

* Planning, coordinating and executing site activities which include pipe spool welding, hydro testing, pre-commissioning, Final inspection of equipment’s.
* Communicating with client about the construction progress and work plans
* Execution of shutdown activities which includes scheduling the shutdown works, deploying manpower, machinery & materials required, communicating with clients & completing the shutdown works in time
* Conduct daily & weekly progress meetings to resolve the various issues emerging during site construction
* To participate in all the activities from installation, hydro testing, flushing, reinstatement, P&ID line walk, pre-commissioning, commissioning activities
* Preparation of daily & weekly construction plans, daily progress, daily manpower & machinery utilization reports etc
* Ensure that testing is performed according to approved testing procedures and methods

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**Trainee Engineer - Piping & Mechanical Mar 2013 – Jul 2014**

Fabrication Shop & Yard supervision

*Pureworld Middle East, Abu Dhabi, UAE*

Worked as a Graduate Engineer (Mechanical, Piping) for “Inter Refinery pipeline-2 Project” to look after the structural works, mechanical works, piping works including TIE-IN. hydro testing, coating and wrapping of welding joint

* Study of drawings like P & ID, Piping Isometrics and other structural layouts
* To participate in all the activities from installation, hydro testing, flushing, reinstatement, P&ID line walk, precommisioning, commissioning activities
* Preparing and submitting the work progress in the fabrication shop and the painting yard
* Sending fabricated spools, pipes and required materials for the site
* Estimating the Bill of Material from isometrics and layouts
* Coordinating with the QC department for preparing the QC related documents for welding, painting, hydro testing, testing reports, tie-in, etc.
* Execution of shutdown activities with project engineers which includes scheduling the shutdown works, deploying manpower, machinery & materials required, communicating with clients & completing the shutdown works in time
* Implementation of HSE and Quality requirements

**Asst Mechanical Engineer - HVAC System Jan 2012 – Nov 2012** 

*Taiba Engineering Consultant, COCHIN,INDIA*

* Assisted the Sr. Engineer in designing and testing
* Coordination with different services to finalize the design drawings
* Presented a summary of the project to the Sr. Engineer
* Assisted Sr. Engineer in cost estimation and finalizing the quotation
* Participated in various site surveys and client meetings related to the job
* Assisted Sr. Engineer in approvals of material submittals and shop drawings
* Co-ordinate to various suppliers to finalize the machines for the project

**TRAINING AND DEVELOPMENT**



 Leadership Management Program

 Professional in Project Planning & Management

 MS Office (MS Excel)

**EDUCATION AND CREDENTIAL**



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| Bachelors, Engineering (Mechanical)  **Anna University, Chennai, Tamil Nadu, India** | 2011 |
| Diploma, MEP  **Taiba Engineering Consultants, India** | 2011 |

**PERSONAL INFORMATION**



**Date of Birth : 14th Nov, 1988**

**Languages Known : English, Hindi, Malayalam and Tamil**

**Nationality : Indian**

**Marital Status : Single**

**Driving License : Valid/UAE**