**HEMANTH MATHEW BABU**

**Date of Birth:** 8th September, 1985



**MECHANICAL ENGINEER –PLANNING/MAINTENANCE/SAFETY**

*Seeking a challenging & rewarding opportunity across* ***Oil & Gas industry****& which effectively utilizes my analytical and technical skills*

*Quality Management ⯎ Maintenance Management⯎ Operations Management ⯎ Resources Management ⯎ Spares Management ⯎ Safety Management ⯎ Regulatory Compliance ⯎ Utilities Management ⯎ Failure Analysis ⯎ Cross Functional Coordination ⯎ Troubleshooting ⯎ Inventory control ⯎ Crisis Management ⯎ Training & Development*

Demonstrated professional excellence with **9+ years of experience** in various **quality maintenance strategies like predictive maintenance, planned maintenance and reliability centered maintenance etc;**

* Demonstrated **capability in implementing preventive/ planned and predictive maintenance** to maximize service life of machines; adept in conducting root cause analysis of failures & resolved breakdown /repairs issues within minimum time lapse
* Enriched with the latest trends and techniques and a wide range of skills in **Project Management, Quality Initiatives, Technology, Critical Thinking, Troubleshooting, Problem Analysis and Resolution**
* Fully conversant with **internationally adopted HSE/Safety norms, procedures, practices and related regulatory provisions**; hard working, focused and result oriented with fine tuned analytical and troubleshooting skills.
* Keen planner with **exceptional analytical, problem solving and interpersonal skills,** proficient in managing operations & maintenance of machines &equipments in reducing downtime and enhancing operational effectiveness of equipment displaying tenacity and diligence during challenging assignments.



**PROFESSIONAL EXPERIENCE**

**Travencore Hydrotech,Cochin Nov15-Till Date**

**Project Co-ordinator**

* Responsible for material sourcing.
* Responsible for site Auditing(Daily,weekly&monthly).
* Make Day to day planning and monitor the progress at site .Arrange stage wise inspection as required and get clearance from the competent authority

**DESCON ENGINEERING L.L.C,Qatar Nov 14- Oct15**

**Area Planner(SHUT DOWN)**

* Responsible as shut down coordinator for equipments maintenance(QP,QCHEM)
* Responsible for site auditing(daily,weekly&monthly)
* Make Day to day planning and monitor the progress at site .Arrange stage wise inspection as required and get clearance from the competent authority.
* Reporting of daily, weekly and monthly progress.
* Responsible for the maintenance of static equipments.
* Responsible for blind list making water volume calculation for hydro testing.
* Responsible for making material approval request.
* Responsible for updating progress in lap book.

**RYBOA HAIMA TRADING AND CONTRACTING COMPANY LLC, OMAN May 11-Nov 14**

**Maintenance Engineer(PROJECT)**

* Accountable in managing Station & Field Maintenance, Supply of Equipments (water tanker, vacuum tanker, HIAB) etc, for the client - Petroleum Development Operation
* Identifying potential bottlenecks and deviations; implementing corrective actions to ensure that production targets are met within stipulated time and budget constraints.
* Coordinating with various departments namely purchase, engineering, stores and production, planning & control to ensure smooth operations at the production lines.
* Overall responsible for site,material&manpower auditing.
* Man power & equipment planning to ensure optimum utilization of project resources. Identifying the unspilled items in the original BOQ & preparation of extra work claims. Involved in cost functional project coordination at different level with various vendors to ensure smooth flow of work.
* Identifying training needs & design and implementing various training programs to enhance productivity. Analyzing daily reports to plan further production keeping keen eye on deadlines as well as ensuring order delivery as per the agreed SLA with keen eye on quality.
* Implementing inventory control measures to reduce obsolete stock, tracking slow-moving items and facilitating value-engineering initiatives at the suppliers end to reduce cost of rejection of the material supplied.
* Problem solving autonomous maintenance working smartly to reduce rejection maintain equipment properly proper communication maintain 5S and all that other activities like FMEA adaptation, control plan implementation, which lead organization growth.
* Perform analysis, root cause analysis, design guidelines, best practices, past program lessons learned, competitive product benchmarking information. Applying KAIZEN aspects for productivity improvement ease in production, repetitive problems (rework-rejection), cost reduction & process updation
* Participating in Quality Audits as required by the Quality System Audit Schedule, ensuring quality compliance in Shop Operation
* Preparing strong and reliable MIS reports to streamline material management, cost savings, vendor quality assurance operations for facilitating the decision-making process in liaison with Management.
* Instrumental in framing on-site and off-site Emergency Management Plans & conduct safety drills periodically to familiarize personnel with Emergency Management Plans.
* Conducting preventive Maintenance, Corrective Maintenance and Predictive Maintenance jobs carried out in the field as per the planning and record keeping for the same.
* Maintaining and developing mechanical / hydraulic systems, components, investigate problems and recommend solutions; responsible for regular servicing for equipments like utilities, conveyors, machines, electrical fittings / fixtures.
* Executing safety, hazard control and industrial hygiene program, evaluating risks & hazards and suggesting corrective actions
* Lead & guide the team in ensuring compliance to all Safety norms to minimize/achieve ZERO accidents through appropriate fire protection system & safety equipments.
* Key player in scheduling, planning and implementing preventive & defect maintenance to ensure smooth functioning of all equipment in power plant

**KAEFER L L C, QATAR Mar’ 09 – Sep’ 10**

**QA/QC Engineer(PROJECT)**

* Worked under EPC subcontractor for insulation & coating in Qatar gas & shell pearl GTL project, also, handled Cold insulation work for loading pipeline and surge drum loading area
* Involved in Cryogenic insulation & Hot Insulation works for Piping &Equipments& fire stop application;managedstage wise application to the surface preparation, insulation inspection, primary vapor barrier inspection and cladding for final inspection.
* Initiated the turnaround efforts for failure analysis by FMEA, SPC and root cause failure analysis including TQM project implementation, idea identification from employees and implementation of the same
* Organized and participated in various training programmes for the team to update their technical knowledge; prepared budgets, estimates, proposals, schedules, contracts, subcontracts, and work scopes
* Deftly handled the Shutdown planning for monthly and capital shutdown using MS Project
* Performed root-cause analysis of defects while developing & improved the process by employing QC tools and taking corrective actions to prevent any reoccurrences and defective issues.
* Geared up the activities for effective maintenance and implementation of QMS, EMS and OHSAS in the organization
* Provided on-site Management and quality control to ensure projects met time and budget requirements, and were built in accordance with contract documents
* Implemented the system policy & procedures in the company while outlining the steps to be taken in implementing maintenance program for smooth operations across the unit
* Effectively manage manpower, machines, and materials resources with meticulously implemented control methods, reporting systems and innovative work systems
* Instrumental in framing on-site and off-site Emergency Management Plans and conduct safety drills periodically to familiarize the personnel with Emergency Management Plans
* Ensured adherence to Safety standards in all functional areas and implementing measures for enhancing safety levels
* Propagated Quality Circle movement & developed quality culture in the work force to achieve quality leadership in the industry

**SAS AUTOCOMM ENGINEERS PVT LTD, CHENNAI Jun’ 07 – Jan’ 09**

**Production Engineer**

* Efficiently managed day-to-day plant operation and field supervision; managed start up and safe shutdown of the plant in planned and emergency situations, in coordination with maintenance groups & functional groups for smooth operation of plant
* Independently took over the charge of running the shift with the production team and troubleshooting where it requires by appropriate ways
* Efficiently managed production planning & control thereby ensured strict adherence to the time schedule, quality standards & total productivity maintenance whilst achieving pre-set production target
* **Educational Consultant,Chennai Jun’ 05 – Jan’ 07**

Freelancer



**EDUCATIONAL CREDENTIALS**

**B. Tech (Mechanical Engineering); 2007**⯎E V P Engineering College, Chennai, India⯎ 63%

**Higher Secondary; 2003**⯎Govt H S SOmallur⯎ 63%

**S S L C; 2001**⯎Govt H S SKadammanitta⯎ 65.66%

**Trainings Undergone**

Permit To Work (PTW)⯎Confined space Entry⯎Working At Height⯎Total Safety Task Instruction (TSTI)⯎Basic Safety Induction⯎Basic Life Support (BLS)-NTI⯎Safety Leadership for Supervisor⯎Coaching and Mentoring,ANST-LEVEL-2

**Computer Proficiency**

SAPOperation Module⯎AutoCAD⯎ UNSPC⯎ WJCS ⯎Internet Applications⯎ Windows OS



**Passport No:** H1439336

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

**Job Seeker First Name / CV No: 1838670**

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