**Ajmal Basheer**

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**OBJECTIVE**

My career goal is to work with reputable organization having congenial working environment and where challenging opportunities are available to contribute towards the development of organization. Mechanical Engineer with 8+ years of experience in equipment maintenance, Commissioning, Environmental Impact Assessment, Environmental Monitoring and Project engineering in petroleum industry. Ready to learn always and self-motivated.

**EDUCATION**

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| PG Diploma in Oil and Gas Piping Designing ASTS, Kochi, Kerala, India | March 2013 |
| Bachelor of Mechanical Engineering Karunya University, Coimbatore, Tamil Nadu, India | August 2012 |

**EMPLOYMENT HISTORY**

**8+ years of experience in Oil& Gas, Mechanical Maintenance**

* **Supervisor** in **Saudi Environmental Works Ltd** from February 2018 till now

Thermal treatment of hazardous waste in Bahrain Petroleum Corporation (BAPCO) project in Bahrain.

**Duties and Responsibilities**

* Environment Impact Assessment, Environment Monitoring – Ambient Air, Soil, Noise, Surface and Ground water, Stack monitoring.
* Ensure all necessary operational processes and procedures are carried out with a high level of attention to detail, expediency and on-time preventive maintenance.
* Performing control room operation in shift
* Waste stabilization plant operation- (TCLP lead <5mg/l).
* Assist in the overall coordination and execution of plant operation, major shutdown, minor shutdown and equipment commissioning.
* Management of hazardous waste landfill in BAPCO Refinery
* Work shifts longer than eight hours in duration
* Monitoring day to day waste receipt, treatment and disposal methods
* Pre-Commissioning works - preparing Detailed Project Reports, Techno Economic Feasibility Report
* Hazardous waste management including storage, transportation, treatment and disposal.
* Preparation of work orders and purchase orders
* Scheduling work and controlling permit system.
* Risk Assessment and Emergency Planning
* Preparation of RAMS and JSA
* Budget preparation for waste management services
* Conducting training for workers in hazardous waste management and handling
* **Project Engineer in EMDAD LLC**(Abu Dhabi) from June 2015 to February 2018)

Working at Thermal Desorption Unit on ADNOC project in Habshan. Performing the duties of operation, production and maintenance of the plant. Experienced in OBM quality control analysis and documentation along with the productivity of the project

**Duties and Responsibilities**

* Supervised Plant commissioning by installing the plant and assuring safest operation as per manufacturer recommendation.
* Supervision any breakdown of plant and responsible for restoration of production
* Perform the various lab procedures to ensure the quality of product oil-based mud and treated oil-based mud cutting.
* Material Logistic and manifest control.
* Attending all process safety reviews as necessary and making sure that all agreed recommendations are adhered to.
* Participating in incident investigations.
* Preparing plant layout, equipment list, and capital cost estimate and operating cost estimate.
* Achieve the production targets in a view of quality and cost.
* Give operational trainings to the crew in regular intervals.
* Performed pressure test with the help of 3rd party in all pipelines as per manufacturer recommendations.
* Conducted visual inspection for all the connections.
* Plant data collection and summary of production calculations.
* Communication with Manager regarding of all departments of Plant in every shift.
* Maintaining all documents and operational records.
* Shutdown and startup Procedure of the plant
* **Plant Operator in EMDAD LLC** (Abu Dhabi) from April 2014 to June 2015

Working at Thermal Desorption Unit on ADNOC project in Habshan. Performing the duties of operation, production of the plant

**Duties and Responsibilities**

* Monitor operation of TDU safely by following standard operating procedures
* Perform skilled technical work in Quench, In-direct heating drum, Condenser, induced draft fan (ID fan), Cooling tower, Bag house filters, heat exchanger, Thermal Oxidizer, scrubber, Auger, Pug mill and clarify tank (Separation of water, oil and sludge)
* Performed maintenance and repairs on plant equipment.
* Performing inspections for preventative maintenance on daily basis
* Monitoring and troubleshooting operating equipment and controlling equipment from the control room.
* Control cutting feed to heating chamber, Burner system and temperature in every equipment’s for smooth running of plant.
* Maintain records and paperwork required for maintenance and operations logs.
* Operate and maintain sludge thickening and centrifuge equipment for waste separation and disposal
* Regulate flow of oil contained steam distribution system and maintain proper temperature of condensing equipment.
* **Site Engineer in COCHIN SHIPYARD Ltd (Jacob’s Marine** India) from 2012 to 2013

**Duties and Responsibilities**

* Reading the production drawings and inspecting accordingly.
* Painting of prefabricated panels and piping spools.
* Maintaining a record of daily inspection reports and documentation, Welding inspection.
* Ensure safe environmental practices.
* Monitoring progress throughout the construction process and comparing this with the projected schedule of work.
* Interacting with Yard personnel to solve site problems.

**CAREER HIGHLIGHTS**

* Training at Emdad L.L.C for Thermal Treatment Unit Maintenance Program(Brandt NOV)
* Training at Emdad L.L.C for Thermal Technology/TDU Unit Training/Burners system-HAWK Course(Brandt NOV)
* Training at Emdad L.L.C for TDU Hydraulics Basic Program(Brandt NOV)
* Training at COCHIN PORT TRUST Ltd
* Participated in Ornithopter workshop conducted by Quark 2011 at Birla Institute of Technology
* Participated in one day workshop on Intellectual Rights by Center for Research in Design and Manufacturing Engineering (CRDM) at Karunya University

**SKILLS**

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|  AutoCAD | Ansys |
| CAESAR 2 | PDMS |

**OTHER EXPERTIES**

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| --- | --- |
| **Software** | Expert in MS Office, MS FrontPage, Publisher, Adobe Photoshop |
| **Languages known** | English, Tamil, Hindi, Malayalam (Fluent in all) |

**PERSONAL PROFILE**

Date of Birth : 07/04/1989

Marital Status : Married

Nationality : Indian

Passport No : U0546000

Passport Date of Expiry : 18/01/2030

**DECLARATION**

I do hereby declare that the particulars of information and facts stated above are true and correct to the best of my knowledge and belief.

 Ajmal Basheer