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**Curriculum Vitae**

Shahul Hameed

**Carrier Objective :** Seeking a challenging and responsible position as an **Environmental Engineer** in an organization where my skills & experience will greatly enhance Company’s success and thereby improve my career growth.

**Professional Qualification :** Bachelor of Technology in **CHEMICAL ENGINEERING** from the University of Kerala, India.

**Professional Experience** **:** Overall 13 years of work experience including 8 years in Oil & Gas with the following expertise.

**Environmental Management System ISO 14001**

**Environmental Audits**

**Environmental Compliance Monitoring and Reporting**

**Hazardous Waste Management**

**Risk Assessment**

**Environmental Incident Investigation**

**Air Emissions Monitoring**

**(March 2013 to till date) : Currently working as Environment Engineer at Bahrain Petroleum Company (Bapco)**

 Roles & responsibilities are as follows:

* Conduct workshops to identify the environmental aspects and impacts related to the projects and operation of the Refinery including product distribution.
* Use and maintain custom designed Microsoft access database to input the environmental aspects & impacts data.
* Prepare & submit Environmental compliance report to the regulatory authority (Air/Effluent/ Chemicals/Waste)
* Conduct environmental awareness training to employees and contractors.
* Developed Hazardous Waste Management procedure to deal with waste generated in the Refinery
* Compute monthly Environmental Performance scoring that indicates the current environmental status of the Refinery.
* Developing training material for waste management on waste reduction, segregation, correct disposal, etc.
* Review EIAs conducted by third party consultants for new and expansion projects.
* Management of ISO 14001 External audits and develop corrective and preventive actions on audit findings.
* Conducted gap assessment for transition to ISO14001:2015 Standard addressing new requirements.
* Participate in Hazop and Projects meetings to provide required environmental inputs for new and upgrade projects.
* Conduct Risk Assessment of environmental aspects for existing and new facilities.

**(Sep 2011 to March 2013) : Worked at SABIC Technology Center Riyadh, KSA**

as Environmental Engineer handling the following jobs.

* Management of Hazardous Waste generated in the facility.
* Implementation and documentation of Environmental Management System ISO 14001
* Conducted EHS Risk Assessments
* Conduct EHS Incidents Investigations
* Conducting survey of Radiation sources in the facility and reporting to SABIC EHSS
* Maintenance of TLD badges of employees working in the Radiation sources area.
* Prepared Chemical Hygiene Plan for laboratories
* Responsible Care (RC 14001) documentation & Implementation
* Preparation and reporting of Quarterly & Annual Environmental reports to Sabic EHSS
* Conducted Chemical Handling Audit as per SHEM Procedures
* Conducted EHS site visits & Audits
* Compute EHS calculations (SHER Rate, Incident Rate, Severity Rate, Process safety Incident rate)
* Participated in HAZOP study as EHS Member
* Conduct HSE Orientation to new employees
* Computation of Safe Man Hours as per OSHA regulations

**(Jan 2005 to July 2011)** **: National Environmental Preservation Co. (BeeA’h)**

 **Al-Jubail, Saudi Arabia.**

The only ISO 14001 certified Hazardous Waste Management Centre in the gulf region for the treatment and disposal of hazardous waste from Petrochemical Plants.

**Roles & Responsibilities :** Worked as **Environmental Engineer** in the Hazardous Waste Management facility. Responsibilities include:

* Implement Environmental Monitoring Program at Waste Management Facilities (Incinerator) for regulatory compliance.
* Perform Stack Emission Testing Projects at various petrochemical facilities in accordance with the USEPA Procedures for Particulate & other Gaseous Emissions.
* Experienced performing Gaseous Emission testing at petrochemical facilities like SADAF, PetroKemya, Ar-Razi, Saudi Chevron Philips Co., Jubail Energy Company, UNICOIL and Hazardous Waste Management Facility.
* Preparation of contract documents like Technical proposals for stack emission testing.
* Preparation of stack emission report and perform emission calculations for clients to report to Environmental Agency
* Management of project staff, liaison with clients, reporting and maintenance of Project records.
* Worked as Shift supervisor in Hazardous Waste Incineration Plant.
* Worked as ISO coordinator for implementation of ISO 14001 Environmental Management System.
* Carried out Environmental Internal Audit during Implementation and Annual Surveillance of ISO 14001.
* Involved in updating of Standard Operating Procedures of the facility and preparation of Environmental objectives & Targets.
* Conducted ISO 14001 training programs for company employees.
* Identify significant Environmental Aspects of the facility and assign overall rating for ISO 14001 implementation.
* Prepare quarterly environmental performance of the facility as a part of EMS system.
* Carried out Fugitive Emission Monitoring in the Hazardous Waste Management facility.
* Carried out Noise Monitoring at Industrial Facilities as per OSHA requirements.
* Provide technical assistance for projects that require study and review of chemistry in Hazardous Waste management.

 **(Mar 2002 to Mar 2003) : M/s. Kerala Minerals & Metals Ltd., Kerala,** **INDIA,** an ISO 9002 certified state government company involved in the production of 60000 TPA **Rutile grade Titanium Dioxide Pigment** in INDIA.

 **Roles & Responsibilities** **:** Worked as Process Engineer under the Technical Services Dept. Responsibilities include

* Involved in Process Improvement Project for utilization of unburned charcoal in the fluidized bed reactor and residence time studies for new flocculants in the digesters.
* Verification of Process Parameters of the Chlorination & Oxidation Plant in Pigment Production Unit.
* Conducting Pressure test using water for checking the leakage of Heat Exchangers and issuing Inspection Report.
* Checking the Differential pressures of equipment in the Chlorination Unit for the performance and issuing report to the Supervisor.
* Preparation of the Monthly Stack Testing Report, Water Consumption Report and Effluent treatment Reports for submitting to Pollution Control Board.

**Project Work done** **:** **Design of Automatic Semi-Continuous Sludge Removal System at Travancore Titanium Products Ltd., INDIA.**

(A unique design for conversion of Batch Settler to semi- continuous settler for removal of suspended sludge in the Waste water Treatment.)

**Training/ Courses Attended :** Certified as Lead Environmental Auditor (ISO 14001:2015).

 Completed Nebosh Course in Environmental Management

**Skills :** Good knowledge of Env. Regulations like SCE, US-EPA, RCER, PME & other International standards.

 Capable of implementing ISO 14001, Auditing, documentation, training & related activities.

 Worked on Stack Emissions Monitoring using devices like Horiba Analyzer, Apex Instruments etc.

 Good knowledge of Hazardous Waste Management.

 Implement Occupation Health & Safety program.

 Conduct EHS Audits

 Conduct Risk Assessment and HAZOP study

**Technical Papers Presented :** Energy Management in Pulp & Paper Industry.

(T.K.M College of Engineering, Kerala, India)

**Computer Proficiency :** Ms-Word, Ms-Excel, Ms-PowerPoint, C-Programming, AutoCAD, Microsoft Project, EDA-2000 DA

Personal Details

 DOB **:** 2nd June 1977

 Sex : Male

 Religion : Islam

 Marital Status : Married

 Passport No. : J5365204, Exp: 08-03-2021

 Nationality : Indian

 Languages Known : English, Hindi, Arabic (Basic), Malayalam,Telugu.

**Attitude:**

A capable and carrier oriented individual with analytical skill necessary for optimum productivity and performance, hardworking adaptable and self-motivated looking for professional growth and achievement through determination and perseverance to reach corporate level.