**ANWAR**

**(HSE Engineer)**

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**Objective**

Want to excel in an ambitious environment that provides me professional and personal growth by efficaciously utilizing and enhancing my technical, managerial and interpersonal skills

**Profile**

Master’s degree in “Chemical Process Engineering” with more than 3 years of professional experience in industrial Safety. Have knowledge and experience of Risk assessment, Permit to work, phases of projects along with the skill of keeping the team motivated, goal oriented and united to achieve the targets

**Work Experience**



* **Suraj Fertilizer Industries(Pvt) Limited, Lahore, Pakistan** (July 2016–January 2018)Worked as ***Safety Engineer*** at Sulphuric Acid (H2SO4) Plant

**Major Responsibilities:**

* + Assistance in compliance reviews, general risk assessments and other safety assessments to support Health, Safety and Environmental management
  + Assistance of Manager QHSE to ensure that all statutory requirements regarding environmental protection are met
  + Participation in detailed incident investigations and Root Cause Analysis
  + Internal HSE auditing for gap analysis in different areas of the plant
  + Development and implementation of PTW, LOTO and contractor management System
  + Safety orientation and training of new employees through presentations
  + Training of workers regarding occupational health and safety including TRA, Ergonomics, Barricading, Work at Height, LOTO, Permit to work system (Cold work, Hot work, Confined space entry, Toxic chemical handling etc.)
  + To conduct the emergency evacuation drills
  + To ensure that all employees are familiar about Emergency plan and Procedures
  + Identification & quantification of flammable inventories and fire hazards at facility
  + Estimation of potential fire magnitude, severity and recommendation of mitigation measures
  + Review of existing fire protection system e.g. Fire extinguishers, Hydrants, foam trolleys and fire PPEs for adequacy
  + To become familiar with all workplace and plant processing related hazards
  + Inspection of all safety equipment’s such as PPE's ,Ear plugs, Safety Hats, Fire extinguishers etc. to ensure their reliability
  + To conduct safety inspection of tools and equipments and their record maintenance
  + Preparation of Job Safety analysis and Risk Assessments for both major and minor activities
  + To conduct toolbox talks
  + To carry out site survey and ensure that safe working methods are in operation
  + Prevention of injury and damage to personnel, plant and equipments
  + Preparation of Accident & Incident reports
  + Submission of site safety observation report to the management
* **Public Sector Organization, Islamabad, Pakistan** (October 2014–May 2016)Worked as ***Shift Supervisor(HSE)*** at **Acid treatment** plant

**Major Responsibilities:**

* + Implementation and follow up of HSE regulations (Permit to work System, Hazard Identification, and Incidents notification etc.)
  + Act as leader in Risk Assessment for risk evaluation and taking corrective measures to reduce risks to an acceptable level
  + Liaison with contractor for successful implementation of HSE objectives
  + Promotion of safety culture through training, communication and safety tour
  + Coordination with all functional departments on safety issues and support them to achieve organization’s HSE objectives and targets
  + Identification of problems related to maintenance job in plant area
  + Quality Assurance of product by monitoring the lab tests and coordination with process supervisors to make necessary changes to keep the quality comparable to set standards
  + Preparation and review of department’s incident investigation reports for Root Cause Analysis and ensure follow up actions to avoid recurrence
  + To conduct Process Safety and HSE related awareness trainings
* **Fauji Fertilizer Bin Qasim Limited**, **Karachi, Pakistan** (June 2010)



Worked as Internee at Ammonia, Utility and Urea plants which includes study of major equipments, Process knowledge, line tracing and submission of concise report of all sections by the end of an internship

**Certification**

* International General Certificate**(IGC)**, **NEBOSH-UK**

**Projects**

* Implementation of HSE regulations in the Fabrication and Erection of **“600 meters** **of** **steam pipeline”**
* HSE monitoring during Erection of **“72 meters** **long flue gases stack(chimney)”**
* HSE inspection of Fabrication yard of “**Pakistan Railways Carriage factory”**
* Design & fabrication of **“*Microchannel*** **Cross Flow Shell and Tube Heat Exchanger”**

**Educational Background**

**MS. PROCESS ENGINEERING (2012-2014)** Pakistan Institute of Engineering and Applied

Sciences (PIEAS), Islamabad

**B.Sc. CHEMICAL ENGINEERING (2008-2012)** University of the Punjab, Lahore

**Skills**

* MS Office, MATLAB, AutoCAD, ASPEN plus, ChemCAD
* Presentation, Event Management, Team Work, Resilience, Multi-tasking

**Personal Information**

**Nationality:** Pakistani

**Languages:** English, Urdu, Punjabi, Hindi

**Declaration**

I hereby declare that information rendered above is true to the best of my knowledge