

# Muhammad Ramzan

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**Chah Malhy Wala pahar pur thal Tehsil & district Layyah-Punjab Pakistan**

**Current Address: Al-Noor Sugar Mills Moro-Sindh Pakistan**

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Graduate Chemical Engineer, **NEBOSH** certified with almost **06 years of substantial experience**, in the field of **Chemical Engineering & monitoring various HSE activities at power plant project, petrochemical, Sugar and MDF manufacturing plants**, having proven ability to manage the Processing & Maintenance activities in retrofit as well as green field projects. I have been part of and lead various projects ensuring seamless execution and delivery of project goals. I pursue a challenging & career-oriented position within an organization where I could use my skills more professionally, efficiently and seeks as the challenging position. Immense knowledge of various EHS principles and regulations.

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## **Projects & Shutdown Jobs.**

1. Successful Completion of **RUPAFIL Coal power plant** (Erection & commissioning **2017-2018**) by NTC-China Sheikhpura-Punjab Pakistan.  
Supervise the erection and commissioning of following.
  - Induced draft cooling towers 2000 tons/hr.
  - Boiler feed water treatment plant. (RO & Ion exchange unit) - 15m3/hr.
  - Chemical dosing systems for boiler feed water & cooling water.
  - Air compressors –Screw compressors.
  - HT & LT heat exchangers.
  - Boiler (Water tube).
  - Steam Condenser.
  - Water Deaerator.
  - Installation of Water, Coal and Oil testing laboratory.
2. Installation of absorption chiller in **RUPALI Polyester Limited(Sep-2016)**.
3. Supervise the Overhauling of Cooling Towers in **RUPALI Polyester Limited (Dec-2016)**.
4. Working on development of Health & Safety systems in **Al-Noor Group** to uplift safety (People, Machine & Environment) standards. (**October,2019 - Present**)

## **Professional Experience**

### **AL-Noor Group Moro Sindh-Pakistan**

#### **1. HSE Engineer – ( Aug,2018 – Present)**

##### **Responsibilities**

- ☐ Developed and implemented Standard HSE policies, procedures programs and guidelines for Al-Noor MDF Board division
- ☐ Led development and implementation of several programs, policies and processes.
- ☐ Developed HSE operational control procedures and led site implementation teams.
- ☐ Develop a culture to anticipate and prevent health hazardous conditions.
- ☐ Drive behaviors preventing illnesses in work place by engaging management commitment.
- ☐ Interpret legal requirements and standards by monitoring R&D projects.
- ☐ Investigate incidents, determine root cause and develop corrective actions.
- ☐ Support HSE inspections, audits and self-assessments.
- ☐ Manage reports and presents summaries to management with suggested solutions.
- ☐ Execute environmental management processes such as chemical, dust and waste management.
- ☐ Handle industrial hygiene, equipment protection, machine guarding and other health and safety programs.
- ☐ Handle safety assessments and deploy corrective measures to minimize hazard risk profile.
- ☐ Administer MRB safety policies and develop uniform safety practices as per long term company safety goals.
- ☐ Offer quality product safety and efficiency and decrease error and accidents and increase profits.
- ☐ Review plans and specifications for new machinery and equipments to make sure that they meet safety requirements.
- ☐ Review Employee safety programs and recommend improvements.

### **Rupali Polyester Limited (Petro-Chemical plant), Sheikhpura Punjab - Pakistan**

#### **1. Chemical Engineer (Officer HSE) at RUPAFIL Coal Power Plant Project Sept-2017 to Aug-2018**

##### **Responsibilities**

- ☐ Monitored all health and safety activities at preproject and ensured appropriate implementation.
- ☐ Inspected all contact equipment and ensured compliance to all HSE regulations.
- ☐ Administered all emergency response activities and recommended improvements as per requirement.
- ☐ Inspected job site in case of hazardous work activities and perform safety analysis on it.
- ☐ Perform routine inspection and audit as per HSE procedures.
- ☐ Analyzed all site accidents and recommended correction when required.
- ☐ Designed HSE training for all staff members.

#### **2. Shift Engineer at PET Resin Synthesis Plant (Sept-2015 till Aug-2017)**

##### **Responsibilities**

- ☐ Controlling & optimizing the PET production operations & processes via DCS control circuits & loops.
- ☐ Leading the Operational Breakdown & Shutdown activities of continuously operated 100 TPD PET synthesis plant in coordination with services departments.
- ☐ Optimizing & regulating Station-wise & Floor-wise allocation of man-power streamlining the

uninterrupted manufacturing processes. Leading the product quality and raw material compliance in coordination with Quality Control department.

- Minimizing downtime and scheduling of maintenance jobs.

### **3. Trainee Engineer (Sept-2014 till Aug-2015)**

#### **Responsibilities**

- Gains knowledge and experience required for promotion to management positions under direction of experienced personnel by performing the following duties.
- Learns line and staff functions, operations, management viewpoints and company policies and practices that affect each phase of business.
- Monitors performance progress with management and key trainers.
- Observes experienced workers to acquire knowledge of methods, procedures, and standards required for performance of departmental duties.

### **Academic Qualification**

#### **1. BSc Chemical Engineering, (2010~2014)**

*University of Engineering and Technology (UET) Lahore-Pakistan.*

#### **2. Higher Secondary School Certificate, (2008~2010)**

*Board of Intermediate & Secondary Education, DG-Khan-Pakistan.*

#### **3. Secondary School Certificate, (2006~2008)**

*Board of Intermediate & Secondary Education, DG-Khan-Pakistan.*

### **Certificates**

1. NEBOSH International General Certificate in Occupational Health and Safety (March-2020).

### **Skills & Expertise**

#### **1. Technical**

- Daily incidents reporting
- Incident reports.
- Schedule management.
- CCTV Monitoring.
- Company risk Management.
- Emergency response.

## **2. Computer & Software Tools**

- Aspen HYSYS & Aspen PLUS
- Microsoft Office (Word, Excel, PowerPoint)
- Mat-Lab
- SAP Business One.
- Windows XP.

## **2. Communication**

- Languages Urdu, English, Punjabi & Saraiki.
- Presentation Skills.
- Team Leader & Team Player Ability to plan and execute.
- Analytical & Problem Solving.

## **References**

References will be furnished on demand.