

# MUHAMMAD USAMA WASIM

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## **PROFILE SYNOPSIS:**

As a dedicated and results-driven Chemical Engineer, I'm poised to make a meaningful impact in the role that require a blend of technical acumen, problem-solving and a commitment to excellence. I have a strong interest in pursuing a career in Production Planning & Control (PPC), Quality Assurance (QA) and Health, Safety & Environmental (HSE) management, coupled with a keen enthusiasm for Process Engineering related roles. My passion lies in planning and ensuring workplace safety & environmental compliance while optimizing operational processes for efficiency and sustainability. I am dedicated to applying my skills and knowledge to organization that prioritize process excellence, as I believe this intersection is essential for achieving goals.

## **PROFESSIONAL QUALIFICATION:**

- Project Management Professional (PMP)

## **CORE QUALIFICATION:**

- NEBOSH International General Certificate (IGC) in Occupational Safety and Health (U.K)
- IOSH Managing Safely (U.K)
- COSHH (Control of Substance Hazardous to Health) (HABC, U.K)
- Risk Assessment (HABC, U.K)
- Medical First Aid (USA)
- Lean Manufacturing (Bureau Veritas)
- National, Regional & International Product Conformity Certification / Mark (Bureau Veritas)
- Quality Management System (ISO-9001)
- Occupational Health & Safety Management System (ISO-45001)

## **PROFESSIONAL EXPERIENCE:**

### **BH RENEWABLE (SMC-PRIVATE) LIMITED**

BH Renewable is a leading provider of high-quality Dunext solar inverters and solar panels, dedicated to advancing renewable energy solutions for residential and commercial applications. BH Renewable is dedicated to providing sustainable and efficient solar energy solutions to its clients, ensuring optimal performance and reliability. By fostering the adoption of renewable energy resources, BH Renewable play a crucial role in reducing carbon footprints, combating climate change and paving the way for a more sustainable energy landscape.

Designation: Planning Engineer

(Jan 2021 – May 2024)

### **Planning Department:**

- Develop and manage comprehensive plans, schedules and budgets for solar energy projects.
- Coordinate with cross-functional teams including engineering & procurement to ensure milestones are met.
- Conduct site assessments to evaluate the technical and financial viability of solar projects.
- Prepare detailed reports, including progress updates, risk assessments and mitigation strategies.
- Ensure compliance with industry standards, regulations and safety protocols.
- Liaise with clients, suppliers and stakeholders to provide project updates and address any concerns.
- Identify potential project risks and develop contingency plan to address them.
- Support the procurement process by reviewing and evaluating vendor proposals and contractor.

### **CHERAT PACKAGING LIMITED (GHULAM FARUQUE GROUP)**

Cherat Packaging Limited is a prominent flexible packaging company based in Pakistan. The company specializes in the manufacturing and supply of flexible packaging solutions for various industries, including food and beverages, pharmaceuticals, cosmetics, and other industrial products. Moreover, Cherat Packaging Limited places a paramount emphasis on Health and Safety within its operations. Cherat Packaging Limited's unwavering commitment to Health & Safety not only safeguards its employees but also reinforces its reputation as a responsible and ethical organization within the flexible packaging industry. This dedication to safety aligns with the company's broader mission of delivering quality and sustainability in its products and services.

**Designation:** Production Planning Engineer

(Nov 2018 – Dec 2020)

#### **Production Planning & Control Department:**

- Prepare production plan according to ISO delivery schedule keeping in view sales confirmation.
- Plan daily and monthly production commitments while considering work in process and finished goods to meet shipment on date.
- Strategic planning of raw materials as per sales forecast to manage inventory.
- Preparing production plan keeping in view the productivity of plant.
- To support and promote all QHSE policies and procedures in production.
- Schedule and conduct HSE induction training in-house for all new entrants.
- Conduct periodic inspection of vehicles, equipment, tools, and firefighting facilities.
- Inspect the work site daily and highlight the unsafe acts and conditions.

### **ROSHAN PACKAGES LIMITED**

Roshan Packages Limited is a leading packaging manufacturer in Pakistan, specializing in a wide range of packaging solutions for various industries. The company is known for its commitment to innovation, sustainability, and quality in the packaging industry. Furthermore, the company strictly adheres to all the relevant health and safety regulations, standards, and guidelines. The company recognizes that maintaining a safe and healthy work environment is not only a legal requirement but also a moral obligation to its employees and the community.

**Designation:** Management Trainee Officer (MTO)

(April 2017 – April 2018)

#### **Production & New Product Development Department:**

- Supervise employees and also perform planning and directing work to the floor staff.
- Specify test methods and recommend efficiency tool to develop & validate packaging designs.
- Analyze material properties & provide effective and reliable packaging designs to Plant Head.
- Conduct job safety analysis (JSA) to identify hazards for elimination and ensure the use of personal protective equipment to protect employees from hazards at workplace.
- Develop recommendations to reduce hazards by improving behaviors and procedures.
- Develop and implement communications to enhance safety awareness among workers.
- Conduct health and safety training for employees & educating them on workplace regulations & policies.

### **INTERNSHIP TRAININGS:**

#### **1) PAK-ARAB REFINERY (PARCO)**

PARCO primarily revolves around the refining of crude oil to produce a variety of valuable petroleum products. PARCO's industrial processes involve refining crude oil through distillation and secondary processing, product blending, strict quality control and a commitment to environmental and safety standards. PARCO places a strong emphasis on environmental and safety practices. This involves using advanced technologies and complying with environmental regulations to reduce impact, improve energy efficiency & support global climate change efforts.

**Worked As:** Production Intern

(June 2016 - July 2016)

- Got professional training on all units of the refinery.
- Special Training on Health, Safety and Environment (HSE) for working at plant site.

- Familiarize with all the process designs & prepared flow sheet diagrams of all the processes.
- Assess the current state of existing safety programs and identify methods of improvement.
- Pinpointing educational and outreach strategies to raise health and safety literacy company wide.
- Developing and using job hazard analysis (JHA) material to identify and mitigate workplace risks. .

## **2) PACKAGES LIMITED**

Packages Limited is a diversified conglomerate and has a strong presence in various sectors, including packaging, paper production, and printing. It is known for its diverse business operations and commitment to quality and sustainability. Moreover, Packages Limited places a strong emphasis on Health, Safety and Environmental (HSE) practices to ensure the well-being of its employees, protect the environment and meet regulatory compliance.

**Worked As:** R & D Intern / QA Intern

(Dec 2016 – Mar 2017) / (July 2014 – Aug 2014)

- Worked on Extrusion, Printing, Lamination and Wax Coating at a production department.
- Worked at **QA** dept. for the enhancement of product quality with increase of customer satisfaction.
- Worked on SIX different Projects at **R&D** Department, namely.
  1. Inner Foil Bundling
  2. Non-Woven Fabric
  3. Conductive Inks
  4. Transparent Coating
  5. Overprint Varnishes (OPV)
  6. Procedure of Conductive Inks on Gravure Process
- Conduct a thorough risk assessment before starting any work.
- Stay up to date with the latest safety guidelines and regulations.
- Ensure all team members are aware of emergency procedures.

## **ACADEMIC QUALIFICATION:**

- University of the Punjab, Lahore **(2012 - 2016)**  
Bachelor of Science in Chemical Engineering with Petroleum & Gas **(CGPA: 3.79)**
- Government College Civil Lines, Lahore **(2009 – 2011)**  
Intermediate (Pre-Engineering) **OPM: 81%**
- Cathedral High School, Lahore **(2007 – 2009)**  
Matriculation (Science) **OPM: 84%**

## **PROJECT WORK:**

- A Plant Design Project on **“Production of 26,000 BPSD of Diesel Hydro-Desulphurization (DHDS)”**.
- A Research Work on **“Qualitative Analysis of Coal and Biomass Blends”**.

## **ACHIEVEMENT:**

- Awarded by **“Roll of Honors”** due to excellent academic record.

## **MEMBERSHIP:**

- Registered Engineer as **CHEM/16100** with Pakistan Engineering Council (PEC), Islamabad, Pakistan.

## **INTERPERSONAL SKILLS:**

- |                |                  |                     |               |
|----------------|------------------|---------------------|---------------|
| • Hard Working | • Adaptability   | • Critical Thinking | • Optimistic  |
| • Fast Learner | • Self-Motivated | • Prioritizing      | • Flexibility |

## **INTERESTS & ACTIVITIES:**

- |           |              |                    |          |
|-----------|--------------|--------------------|----------|
| • Writing | • Travelling | • Physical Fitness | • Sports |
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