



MUHAMMAD SAJID NAWAZ
(Chemical Engineer and Safety Officer)
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CAREER OBJECTIVE:

I want to contribute to the organization with hard work, sincerity, patience and dedication.

PERSONAL INFORMATION:

- | | |
|------------------|-------------------|
| ✓ Father's Name | ✓ Muhammad Nawaz |
| ✓ Date of Birth | ✓ 14-08-1994 |
| ✓ Domicile | ✓ Multan (Punjab) |
| ✓ N.I.C # | ✓ 36304-7969717-9 |
| ✓ Marital Status | ✓ Single |
| ✓ Religion | ✓ Islam |
| ✓ Nationality | ✓ Pakistani |

ACADEMIC RECORD:

Degree	Year	Obtain/ total	Grad/ Division	SUBJECT	Institute/Board/University
Matric	2010	918/1050	A+	Science	Punjab Board (Pakistan)
F.Sc.(Pre Eng.)	2012	843/1100	A	Science	Punjab Board (Pakistan)
B.Sc.	2017	2.99/4.00	C	Chemical Eng.	NFC Institute of Engineering & Technology, Multan (Pak)

GENERAL CERTIFICATES:

NEBOSH International General Certificate in Occupational Health and Safety

Unit	Description	Marks	Status	Exam Date
IGC-1	Management of international health and safety.	59	Pass	30/8/2016
IGC-2	Controlling workplace hazards	52	Pass	2/11/2017
IGC-3	Health and safety practical application	62	Pass	1/11/2017

Responsibilities can perform related to Health and Safety:

- To maintain safety training records and to provide safety briefings and appropriate orientation.
- To conduct hazard assessments and ensures appropriate control measures and safe work requirements.

Inspect equipment, structure and work in progress compliance with applicable health and safety standards and specification.

- To recommend corrective actions and measures to improve safety conditions.
- To conduct job sites safety and environmental audits to which included the completion of documentation of compliance and corrective actions taken.
- To administered the safety awareness program to ensure a safety culture among the work force.

Personality Traits

- ❖ Excellent communication and interpersonal skills
- ❖ Excellent leadership quality
- ❖ Strong in reconciling problems and resolve conflicts
- ❖ Ability to handle variety of tasks and shifts priorities simultaneously
- ❖ Ability to work independently and in team environment
- ❖ Punctual with time
- ❖ Good presentation skills
- ❖ Good communication skills
- ❖ Flexible.

Key Skills

- ❖ Expertise in process design safety requirements.
- ❖ Expertise in CHEMCAD, HAZOP and AUTOCAD.
- ❖ Experience of developing industrial chemical processes.
- ❖ Expertise in absorption, evaporation and electromagnetic equipment.
- ❖ Expertise in Aromatherapy treatments, Production techniques, Corrosion strategies, Oxidation and pollution control.

Area of Interest:

- ❖ Mass Transfer Operation
- ❖ Oil and gas field
- ❖ Heat Transfer Operation.
- ❖ Fluid Mechanics.
- ❖ Management Field.

Technical Skills:

- ❖ Computer Language –Basic knowledge of C,C++
- ❖ MS Office.

Favorite Subjects:

- ❖ SH&MT(Simultaneous Heat and Mass Transfer).
- ❖ Thermodynamics I,II,
- ❖ Fertilizer Technology
- ❖ Petroleum Refinery Eng.
- ❖ Economics.
- ❖ Physics
- ❖ Chemistry
- ❖ Math

Project Undertaken:

- ❖ Production of Cumene by Friedal Craft Methods (final year Project 2015-2016)

Description:

Isopropyl benzene (cumene) is widely used as a feedstock for the production of Phenol which is further utilized in many different industries like pharmaceuticals. The design report contains production of isopropyl benzene and propylene at 3000 tons/year capacity, using vapor phase alkylation in an isothermal reactor.

Achievements & Co-Curricular Activities

- ✚ Won Singing competition in Inter College Fest
- ✚ Senior coordinator in College Fest