

Farhan Ali, Chemical Engineer
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Professional Summary

A process engineer with strong educational background in a chemical engineering and applied process control, supported by renewable energy and professional work experience in manufacturing specially paint and ink coating and also in the research of new material that enhanced the product quality and cost effective.

Perceptive chemical engineer with 3+ years of experience in minerals process industries from ore to pure Element, Also control accurately production of the CU ore along with others precious metals (PGMs).

A professional chemical and business consultant work in different sectors, devolved products, perfect formulation regarding cost and environment friendly, Research and development (R&D,improving the quality of products and services. By investing in R&D.

Work Experience

March 2016–May 2020

PAINT DEVELOPMENT CHEMIST

Developed new paint formulations that was then mass-produced in the factory.

Played a supportive role in research and development of new products.

Produced small scale paints which could not be effectively produced in the factory.

Provided support in Microsoft excel programming and VBA to my superiors and managers.

Designed a process plant that regenerates the solvent used in the factory and laboratories in the view of reducing production cost.

june 2020–sept 2023

Work in minerals processing industries

Working with lab and pilot scale project in minerals processing including flotations, magnetic separations, screening.

Developed and performed a study on several quality issues for anode production.

Collaborated with operations, technical, and maintenance to ensure implementation of project.

Conduct laboratory work for XRD/XRF measurements of ore.

Also work in others PGMs and others elements of ore lab scale processing

Highly command in Minerals process such as caco₃, CU, soft stone and iron ore.

Education

2012–2016 University of Engineering & technology

Bachelor of Science in Chemical Engineering.

Pursued a passion for process design coursework.

Skills

Good knowledge of shoes manufacturing process.

Good knowledge of coating manufacturing process.

Ability to read, analyze and interpret general business periodicals, professional journals, technical procedures or governmental regulations.

Demonstrates working knowledge of functional concepts and a solid understanding of Flex policies and procedures.

Ability to interpret an extensive variety of technical instructions in mathematical or diagram form, and deal with several abstract and concrete variables.

Mandatory: Profound knowledge in the field of coating materials, rubber coating and plastics

Good Computer Skills: Ability to use Excel, PowerPoint, Word, and Visio.

Knowledgeable of chemical DfE processes and/or green chemistry approaches.

Familiarity with process and instrumentation diagram concepts, general ability to read and follow such diagrams.

Ability to work with teams and within team environments.

Business skills: buy and sell precious stone, rough to perfect polish gem stone, coal and others minerals trade to different industries along with their standards.