



Usman Siddique

INDUSTRIAL PROCESS SPECIALIST

Production Management Specialist | Chemical Engineer

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OVERVIEW

PROFESSIONAL EXPERIENCE

I. TEAM LEADER CHEMIST & FIELD ENGINEER

AL-KHORAYEF Water And Power Technology, KSA (April 2022- cont.)

- Performed chemical, microscopic, bacteriological, and physical water quality tests.
- Validate and verify the precision and accuracy of on-line water quality process and control instrumentation used throughout the water treatment process.
- Collecting the samples and making analysis as (COD, Turbidity, MLSS, TSS, DO...etc.)
- Conduct both Qualitative and Quantitative analysis
- Compile and Analyze test information. Draft report on all tests and research results for both internal and external reporting
- Perform quality control functions and maintain complete chemical inventory.
- Responsible for the operation of the RO and STP plant, to ensure maximum production quantity

II. SHIFT ENGINEER

ITTEHAD Chemicals Pvt Ltd KSK Lahore, Pakistan (Feb 2021-Dec 2021)

- Responsible for the operation of the plant, to ensure maximum production quantity and quality, while supporting the policies, goals, and objectives of the company.
- Monitors and controls plant operations.
- Constantly reviews the operation of the plant to monitor production and quality, Anticipating and solving problems in a timely manner, and identifying opportunities for improvement.
- Participates in projects that improve efficiency and/or reduce operating costs.
- Maintains adequate records of key production variables such as production volume, yield, plant uptime, utility consumption, etc., on a daily, weekly, and/or monthly basis, as required.
- Participates in Quality Assurance program.
- Communicates directly with QA laboratory to ensure effective participation in the implementation of QA policies and procedures.
- Participates in plant maintenance program And Communicate directly with the maintenance department to coordinate maintenance and repair work in process areas.
- Performs preventive maintenance activities as required.
- Diagnosing and trouble-shooting of maintenance related issues.
- Achieve the targets with best Team work.

III. CHEMICAL ENGINEER

BAHOO DYEING Pvt Ltd Lahore Pakistan (May 2018-Feb 2021)

- Responsible for the safe operations maintenance of all chemical processes throughout the factory, such as fabric testing and chemical analysis
- Designing, analyzing and troubleshooting the dyeing process and the use of chemicals for the printing/processing of the cloth.
- Responsible to ensure boiler optimal operations; working on boilers running on coal and furnace oil.
- Direct experience in creating safe and environmentally sound processes, meeting the environmental regulations standards, as set by government of Punjab. Provide instructions and guidance on all chemical related activities across the industry.
- Participates in plant maintenance program. Communicates directly with the maintenance department to coordinate maintenance and repair work in process areas.
- Performs preventive maintenance activities as required.
- Diagnosing and trouble-shooting of maintenance related issues.
- Achieve the targets with best Team work.

IV. PROCESS ENGINEER

SHARIF OXYGEN Pvt Ltd Lahore (Dec 2017 - May2018)

- Worked with Chinese Engineers in the commissioning of Gas plant having production capacity of 1600 m³/h oxygen

V. TRAINEE ENGINEER

NEWAGE CABLES (Chemical Division) Sheikhpura (Sep2015-Oct 2015)

- Worked as Trainee Engineer in Organization's Chemical division.

SIGNATURE SKILLS

~Strategic planning and Support
~ Team Leadership

~ Trouble shooting
~ Technical Reporting

~Testing and Commissioning Of Faults
~ Plans & procedure Development



EDUCATION & CREDENTIALS

OSHA (Construction health and safety)	EIOSH Pvt. Ltd	CGPA 3.0	2023
IELTS	BETS Institute for English language	Bands 6.5	2021
Chemical Engineering	I.C.E.T University of Punjab Lahore.	CGPA 3.10	2013-2017
F.Sc (Pre- Engineering)	Govt. Islamia College Civil Lines Lahore.	81.00%	2011-2013
S.S.C (Science Group)	Govt. High School Shahdara Lahore.	89.9%	2008-2010

Achievements:

- Increased production up to 5 metric ton per day of calcium chloride plant at Ittehad Chemicals pvt ltd.
- Received merit scholarship throughout matriculation and intermediate studies.
- Won athletics competition in Departmental sports.

Computer skills:

- Well versed with Microsoft Office Tools, AutoCAD, SAP, and Microsoft Great Plains business solutions, ERP Database.

Final Year Project:

- Production of Ammonia by using Natural Gas
- Plant Simulation Model Aspen HYSYS on sweetening of Natural gas

Interests

- Reading Islamic Books Movies and Documentaries
- Physical Training Current Affairs

Birth: 30th April 1994 | **Linguistic Abilities:** English, urdu and Arabic.