

M. SOHAIL BASHEER

Detailed oriented **Chemical Engineer** with over **six years** of experience in different chemical industries looking to secure a position in chemical or oil sector.



 AI NUAIMIA 1, AJMAN

 1990-02-02

 058 1630 470

 Pakistani

 Sohail742672@hotmail.com

ACADEMICS

2010 – 2014

COMSATS University Islamabad, Lahore Campus, Pakistan

Bachelors of Science in Chemical Engineering


2007 – 2009


Punjab College of Science, Gujranwala, Pakistan

Fsc Pre Engineering (Intermediate)

EXPERIENCES

United Factory Detergents and Disinfectants, LLC

 Dec 2019 - Feb 2021

 Umm al Quwain, U.A.E

Production Chemist

Animal Shampoo, Face Wash, Hand Wash & Liquid Detergents.

- Purchased raw materials after identifying best rates by bargaining with suppliers and manufacturing companies.
- **Analysed raw materials** by taking qualitative and quantitative measurements into consideration.
- Arranged machinery required giving design specifications and instructed in installations, piping.
- Designed layout of the plant, storage area, office area.
- **Developed different recipes** for liquid dish wash, hand wash, animal shampoo and hand sanitizer.
- **Achieved success in task assigned of making colour foam car wash using creative thinking and research approach.**
- Lowered manufacturing and capital costs by reducing extra expenses.
- Developed operational strategies to achieve production and financial objectives.
- Provided engineering support for production and maintenance activities to ensure maximum output.
- Performed engineering analysis to reduce downtime and outages.
- Developed operating instructions and safety specifications for production activities.

Biotech Energy PVT LTD

Company is involved in producing 100m³ per day of the Biodiesel by Pre-esterification, Transesterification and Distillation of used cooking, vegetable and acid oil with international quality standards and exports of the product.

LANGUAGES

Urdu/Hindi



Punjabi



English



Arabic



EXPERTISE

- **Production lines Quality Control**
- Chemical Laboratory
- Biodiesel Production
- Analytical Analysis of Oil and Water
- Detergents Formulation

SOFTWARES

Microsoft Office


Word, Excel, Power point


Adobe Illustrator

Computer Applications, Windows

SKILLS

- ✓ Purchase, Marketing and Sales
- ✓ Negotiating
- ✓ Problem solving and Creativity
- ✓ **Technical thinking**
- ✓ **Team management**
- ✓ Good analytical skills

 Jan 2016 – Sep 2019

 Sheikhpura, Pakistan



Shift Engineer

- Managed **operations and maintenance** of biodiesel plant, batch reactor, tubular reactor, distillation unit, settling tanks and storage tanks.
- **Scheduled junior staff duties and managed shifts.**
- Utilized advanced technologies of reverse osmosis and water softening in boiler water and cooling towers.
- Supervised steam production from boiler and supply to the plant.
- Evaluated laboratory data and suggested treatment changes
- Scheduled preventive maintenances of Heat Exchangers, Condensers, Valves, Pumps, Compressors.
- Provided training and guidance to team members to accomplish production goals.
- Followed safety instructions from health and safety department.
- Coordinated with Mechanical, Electrical and Laboratory departments for smooth running of the plant.

Lab Engineer

- Managed laboratory glassware, apparatus and equipment.
- Instructed staff in making chemical reagents and test performing.
- **Utilized advanced laboratory equipments** like Viscosity meter, Karl Fischer, Incubator, centrifugal machine, Ultraviolet Fluorescence Total Sulfur Analyzer, Auto Clave etc.
- **Quality tests include: Total Acid number, Iodine value, Micro Moisture FAME content, Glycerol Test, Sulfur analysis, Viscosity, Carbon residue, Flash point etc.**
- Research and develop products and improving quality of existing products.
- Developed analytical lab work sheets and reports.

Bliss water Industries

 April 2014 – Dec 2015  Lahore, Pakistan

Quality Control Engineer

- Controlled water **quality testings** and treatment of mineral water.
- Monitored process parameters pressure, chemical dosage.
- Efficient & timely handled problems related to production, storage and maintenance etc.
- **Supervised filling lines, capping and labelling of 19L, 0.6L and 1.5L bottles.**
- Changed filter media of Sand, Gravel, Carbon and Arsenic.
- Purchased consumables of the plant like filter cartridge, filter media, 19L, 0.6L, 1.5L bottles, shrink wraps, caps, seals, minerals.
- Performed chlorination and sanitization of water, bottles and caps.
- Achieved production targets and enhanced productivity by 30% reducing bottlenecks.
- Generated reports of laboratory analysis and managed laboratory equipments and instruments.
- Applied for renewal of PSQCA, Food Authority, PCSIR Licenses.
- Quality tests include: Hardness, Ca, Mg by EDTA titrations, Carbonates and bicarbonates, Arsenic, Potassium and Sodium by Flame photometer, Iron by spectrophotometer etc.
- Microbiological tests, Total Coliform, E.coli etc.

CERTIFICATIONS

Registered Engineer:
Pakistan Engineering Council
RE-12356

Degree Attested By:
Ministry of Foreign Affairs, Pakistan
and United Arab Emirates

ADDITIONAL INFO

Visa Status: Visit Visa
Valid Till: 01/04/2022