

NAYEEM LIYAQUAT BHAKSHEY**B.Tech in Chemical Engineering****Email:** nayeem.chem@gmail.com,**Skype:** nayeem_094**Mobile:** +966503671584 - KSA

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Aspiring for a growth oriented career in categories Chemical/Petrochemical Engineering (**viz., Production Operations & Process Improvement**) with a growth oriented organization where I can fully utilize my skills and available resources to contribute in the success journey of the organization.

Professional Synopsis:

- A building professional with a degree of B.Tech in Chemical Engineering from Laxminarayan institute of Technology (Nagpur) in 2009.
- Qualified Chemical Engineer with 9+ years of experience in successfully managing Production, Operations & Maintenance, Process Improvements and Project Management in Oil & Gas industry. Currently designated as a Process Engineer with United Lube Oil Company Ltd, Jubail (K.S.A)
- Strong record of providing uninterrupted support by undertaking emergency shutdown & start-up operations and troubleshooting on critical production conditions/problems. Proven strengths in planning, scheduling and optimizing operations of modern & conventional machine/equipment to achieve targeted productivity levels.
- Proficient in developing systems with proven ability to enhance operational effectiveness and meet operational goals within the cost, time & quality parameters.
- Hand on field experience in petrochemical Base oil refinery & fertilizer plant.
- Worked on DCS of Honeywell Experion PKS and Yokogawa CS 3000 system.
- Monitoring, troubleshooting and minimizing upsets in the process plants.

Work Achievements:

- Was successful in managing the pilot plant batches and accomplished the production of Vanilline (Produced in China by Rhodia Chemicals only)
- Commissioning member of SOLVENT EXTRACTION PLANT (SEP) at United Lube Oil. KSA. The solvent extraction process technology designed by ARTDE, Germany.
- Currently handling the two columns revamping with the consultant SULZER for the process optimization. i.e. Base oil recovery from the Bitumen and USN-100 production.

Work Experience:**Since Jun'13: United lube oil –Saudi Arabia as Process Engineer- (Operation)****About company**

Unilube utilized AVISTA OIL (www.avista-oil.de/en/) for Unilube Refinery & Solvent Extraction Plant (SEP) process to produce Base oils, Naphtha, Gas oil and Asphalt from Used oil. Unilube utilizes the most environmental friendly manufacturing process which is not produces any solid or airborne pollutants. The standards of finished products have the characteristics of virgin base oil.

Responsibilities:

- Responsible for activities like production operations, monitor quality process parameters, materials testing, correcting the deviations and optimizing process conditions to get the desired yield and quality of the product.
- Monitoring process performance using a Distributed Control System - DCS - Honeywell Experion PKS
- Basic & detail Design Engineering activities for the assigned project, Currently handling the revamping of base oil recovery column designed by Sulzer
- Review, understand and adhere to project specifications, scope of work, and project philosophies.
- Conduct process performance evaluations by conducting performance test to assess, troubleshoot and optimize gas compression processes. Review and evaluate design or proposed changes
- Ensure planned progress with respect to process deliverables in line with project schedule.
- Vendor document review, clarifications & provide technical support.
- Preparing report of plant performance with correction & deviation on daily basis & issued guidelines to operation for improvements.

- Lead and participate in teams preparing the start-ups, normal operation, and shutdown procedures and developing of departments OIMs. Provide field support during start-ups, shutdowns.
- Controlling the production target and close monitoring of shift operations.
- Handling unit operations and trouble shooting of the same.
- To ensure smooth and safe operation of the plant.
- Maintaining quality records/ documents on shift basis as per SOP's.
- Analyzing and understanding all aspects governing operational activities and up to date knowledge of latest technological advancements, regulations/ guidelines and compliances in the industry;
- Planning, scheduling with respect to cost, resource deployment, time over-runs, quality compliance and manpower planning in line with the organization requirements, ensuring adherence to organization's standards & procedures.

March' 10 –April'13: Gharda Chemicals Limited –India as Shift Production Officer

- **About company**
- GCL (www.gharda.com) is research-based company with four manufacturing units. The company has won several national awards for technical innovation in the chemical industry. Company has pioneer status in the field of agro chemicals timely introduction of a number of agro chemical products as well as polymers.

Responsibilities:

- Responsible for managing production planning and mobilizing and judiciously managing resources with structured inputs in the domains of production planning.
- Involved in establishing and implementation of short and long-range departmental goals, objectives, policies, and operating procedures.
- Responsible for recommending and implementing new process, which increased production without jeopardizing quality.
- Handled the entire shift, allocated work & engaged manpower, finalized specifications and oversaw the operations for improvement based on market trends & requirements.
- Conducted quality testing of all process inputs viz. dyes, chemicals and raw materials on laid out parameters.
- Defined norms of consumption of inputs and introduced process controls to contain wastages.
- Systematizing operations processes and practicing preventive maintenance to maximize machine utility & minimize downtime.

Training Attended:

- ISO in Unilube organized by INTERTEK- KSA
- Industrial Safety at AL Khobar- KSA
- Experion PKS: Fundamentals- controller operation by Honeywell

Academic Credentials:

- **PGDBA (post graduation Diploma in Business Administration)** from Welingkar institute of management, Mumbai in 2013 with **first Class**
- **Bachelor in Chemical Engineering** from Nagpur University secured **First Class** in 2008-09.

Industrial Trainings:

- Sudarshan Chemicals Ltd, (INDIA) Ltd, Roha in 2008-09.

Soft Skills:

Technical:

- Process plant operation and troubleshooting.
- Production and project management.
- Process control.

Software:

- Auto Cad Application
- Proficient in Orion System
- MS Office Tools (Word, Excel & PowerPoint).
- Internet Applications

Academic Honors:

- Manufacturing of “**Rose Water**” at Diploma.
- Dissertation on “**Manufacture Of Benzaldehyde**”
- Seminar on “**Industrial Biotechnology**”.

Project Briefing: The project involved collecting the fresh rose petals from various nurseries and by simple distillation process obtained the rose water.

Dissertation Briefing: I have worked on various chemical aspects which are related to Industrial point of view like Thermodynamics, Kinetics. Determination of Material and Energy Balances & more emphasis is given on designing of Distillation column and condenser design.

Personal Snippets:

Date of birth	:	4 th sep.1985
Marital status	:	Married
Passport	:	R2364421
Nationality	:	Indian
Languages known	:	English, Urdu & Arabic

Declaration:

I hereby declare the above mentioned information are true & correct to the best of my knowledge & belief. I bear the responsibility for the correctness of the above mentioned particulars.

Nayeem L. Bhakshey