

UDAYAN U. CHOKSHI

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OBJECTIVE

To obtain an engineering position in the chemical / Pharmaceutical industry

PROFILE

- A Chemical engineer with 10+ years of experience in design and development of processes and equipments for existing, new as well as upgradation of chemical / pharmaceutical plants
- EIT status of Michigan Board and eligible for Professional Engineer of Ontario for P-Eng License (currently EIT status)
- An energetic, self motivated, able to work independently as well as very good team player with excellent verbal and written communication skills.

QUALIFICATIONS:

- Carried out detail design of processes and equipments for new as well as upgradation of existing plants
- Proven hands on experience on optimization of unit operations
- Devised and implemented various process improvement measures to ensure optimal efficiency of operations and product cost reduction
- Analytical thinker, result oriented and effective communicator
- Proven record of high performance

COMPUTER SKILLS

- MS Office 2000, SAP, AutoCAD, Qbasic, C++, mathematics software like –POLYMATH, MathCAD

WORK EXPERIENCE:

Feb - 2003 -- Till date

Common Wealth Regal Inc. Windsor, ON

(QS 9000 certified company)

- Involved in the production of automobile car seat parts
- Suggested process improvement measures

1993 – 2002

Process Engineer, Alembic Limited, Baroda

(ISO 9001, ISO 14001)

- Process design calculations for equipments, pumps & piping, reactors
- Selection of equipment type , sizing, MOC and preparation of specification sheets (specs)
- Selected instruments and defined its control loops and interlocks for P&IDs
- Prepared process and instrumentation diagrams (P&IDs) using AutoCAD software

- Developed Control logic for DCS system for process plants and solvent recovery
- Approved plant layout, equipment layout and piping drawings
- Conducted economic and technical feasibility studies for new processing and equipments
- Significantly improved productivity of the plant
- Improved solvent recovery for various solvents which had impact on product cost
- Improved yield and quality of product as well as quality of distilled solvent
- Participated in troubleshooting various operational process – resulted in streamlining the operations by de-bottlenecking of major processes
- Carried out special projects on Energy conservation and Environmental Objectives successfully
- Carried out energy and mass balance of various plants
- Re-evaluation and optimization of process parameters which resulted in development of new Standard Operating Procedures (SOPs)
- Created detailed batch master records (BMR) for chemical processes from R&D procedures
- Collected and interpreted batch data, and assisted in the auditing of completed process batch records
- Core committee member for developing procedures for ISO 9001, ISO 14001 standards

1987 – 1993

Process Engineer, Citurgia Biochemicals Limited, Surat

(Only Citric Acid manufacturer in the Country)

- Carried out utility calculations for steam, chilled water, brine , compressed air and power
- Involved with process optimization to develop efficient process parameters
- Developed procedures to troubleshoot process problems in the plant operations
- Provided training to technicians and technologists with regards to GMP's, SOP's and work procedures
- Special assignment to improve plant operations efficiency through energy cost savings and other cost cutting measures
- Involved in commissioning of continuous vacuum belt filtration unit and anhydrous citric acid plant

1985 – 1987

Plant Engineer, Gujarat Heavy Chemical Limited, Port Victor

- Vendor development for corrosive materials being used in the manufacturing process
- Involved with process optimization to develop efficient process parameters
- Developed procedures to troubleshoot process problems in the plant operations

Education:

- Four year degree in **Chemical Engineering**, Gujarat University India
- **MS in Chemical Engineering** – Wayne State University, Detroit, MI – (On going)

Association :

- Member of Ontario Society of Professional Engineers
- Member of American Institute of Chemical Engineers (AICHE)

References: Available upon request