

Professional Résumé

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Process Engineer

**Qualified Chemical Engineer | Analytic Thinker | Team Player
Oil & Gas Experience | Problem Solver | FIFO Capable**

PROFILE:

Dedicated, innovative and quality-focused Chemical Engineer with international experience in chemical processing and production environments including Oil & Gas and synthetic materials manufacturing. A strong team player with excellent interpersonal skills, communicating concisely at all levels to coordinate workloads and ensure projects remain on schedule whilst meeting strict quality and environmental standards. Works well on own initiative, is detail-oriented, well organised and performs effectively under pressure. Physically fit, capable of performing at a high level in remote FIFO locations working long hours and flexible shifts.

KEY ATTRIBUTES:

- Qualified and experienced **Chemical Engineer** with experience designing and improving production processes in **heavy industries** like oil refineries and cement manufacturing
- Sound knowledge and experience with industry standards including **API, ASTM, TEMA, ASME and NFPA**
- Well-developed **project management** skills; able to effectively oversee the entire life-cycle of projects from inception to handoff
- Advanced **analytic skills**; able to accurately **compile and evaluate data** to identify sources of pollution and make process recommendations to minimize impact
- Solid understanding **process improvement practices** and proven ability to optimize production whilst reducing costs
- Highly committed **safety advocate**; able to apply **OHS principles and standards** to promote safe working conditions at all times
- **Strong communicator** with **international experience** working in **multi-disciplinary teams** to achieve **quality and production targets** in an efficient and coordinated manner

EDUCATION:

Master of Science in Petroleum Engineering & Management Khazar University – Baku Azerbaijan	2005
Bachelor of Science in Chemical Engineering Shiraz University – Shiraz Iran	1995

MAJOR PROJECTS:

Hegmataneh Petrochemical Industries Company Pre-commissioning and Start-up of S-PVC (Reaction , Finishing and Process Utilities) Units	2021
Asad Abad New Pellet Plant Supervision on Refractories Installation (Chinese Design)	2016

Hegmatan Cement Company

Design of Cement Processing Additives Production Line	2010
Design and Performance of Kiln and Preheater Lining (Second Line)	2008
Design and installation of Fuel Gas Line to Kiln II	2008

Bandar Abbas Oil Refinery and Asaloyeh LNG Project

Design of New Crude Oil Piping from Jetty to Refinery	2003 – 2005
Installation of New Tanks and Piping in Tank Farm	2004

Hamedan Glass Company

Design of Water Treatment Unit	1999 – 2000
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PROFESSIONAL EXPERIENCE:

Hegmataneh Petrochemical Industries Company**February 2021–Now****Shift Manager**

- Supervision on all Production , maintenance & Lab Units during shift Hours

Farapol Company**February 2017 – February2021****Production Supervisor**

- Oversaw a variety chemical, production and quality control processes in a unsaturated polyester & vinyl ester resins manufacturing environment

Asad Abad New Pellet Plant**May 2016 – February 2017****Lining and Refractories Installation Supervisor****WesGrowers Company (Australia)****September 2014 ---May 2016****Grading/Sorting Machine Supervisor****Hegmatan Cement Company****December 2005 – April 2014****Chemical Engineer and Shift Supervisor**

- Oversaw a variety chemical, production and quality control processes in a cement manufacturing environment
- Effectively implemented ISO 9001-2008 standards in the Quality Management System
- Monitored environmental pollution impacts and made process recommendations to minimize adverse effects
- Collaborated with various department heads to streamline processes to maximize material usage, reduce waste, save energy and optimize production
- Negotiated with suppliers to implement effective JIT processes and yield a 5% savings in supply costs
- Applied strong attention to detail analyzing data and evaluating processes
- Supervised production processes including Raw Material Preparation, Crushing Units, Mills and Kilns
- Promoted safe working conditions by enforcing all safety procedures and guidelines

**National Iranian Oil Company
Process Engineer****May 2001 – November 2005**

- Oversaw distillation, oil transfer and tank farm processes at the Bandar Abbas Oil Refinery
- Demonstrated strong problem solving and analytic skills developing a strategy for Heavy Products Blending to optimize processes and increase profits
- Applied strong attention to detail and advanced writing ability preparing daily reports
- Exhibited strong leadership skills guiding a team designing a Bitumen Plant
- Displayed expertise on various systems including Honeywell TDC 3000 and other DCS applications
- Communicated effectively with team members, supervisors and decision makers at all levels to ensure productivity and quality targets were consistently met

**Hamedan Glass Company
Chemical Engineer****October 1997 – May 2001**

- Collaborated with various industry specialists to design processes and systems for producing quality jar bottles at reasonable costs
- Assisted with the design and specifications of the production line
- Applied strong analytic and problem solving ability identifying optimal chemical formulations for glass bottles according to specific application purposes
- Oversaw production management including P&B, B&B and NNPB

COMPUTER SKILLS:

- ❖ Advanced knowledge and experience with Chemical Engineering Software including HYSYS, ASPEN, MatLab and PDMS
- ❖ Strong command of MS Office including Word, Excel, Power Point, Visio and Outlook

PROFESSIONAL MEMBERSHIPS:

Iranian Chemical Engineers Organization	Since 1997
Iranian Cement Association	Since 2005

TRAINING:

- ❖ ISO Certification
- ❖ Process Optimization in Vertical Roller Mills
- ❖ CE Audit Requirements and Documentation
- ❖ IMS Internal Auditing
- ❖ Advanced Hydraulic Systems
- ❖ Distillation, Visbreaker Unit and Tank Farm Operations
- ❖ Piping and Automated Plant Software
- ❖ Energy Economization

LANGUAGES:

English – Fluent

Persian – Fluent

REFEREES:

Jamshid Kamali

S-PVC Production Manager

Hegmataneh Petrochemical Industries Company

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Farapol Company

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Bandar Abbas Oil Refinery

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Quality Control Manager

Hamedan Glass Company

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