**RESUME-ASHOK KAKADIA**



B.E. (Chemical Engineering), MBA

**Date of Birth** : 11th July 1975. **Nationality:** Indian

**Family Details** : Married, 2 Kids **Home Town**: Surat, Gujarat, India

**Current Location** : Kuwait City,

**Cell Number: +965 60365498 /+917718865905 (While in India)**

**Passport Details**: P1148851 (Issue date: 23-04-2016, Expiry date:22-04-2026)

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**EDUCATIONAL QUALIFICATIONS & SKILL SETS:**

* **B. E. (Chemical Engg. 1992-1996), LD College of Engineering, Gujarat University with first class and distinction.**
* **Skill Set in Process Engineering Tools: ASPEN Plus, HYSYS, HTRI, PIPENET, Distillation Column Hydraulic (SULCOL, KGTower, FRI), PDP/BEP Development, FEED.**
* **Six Sigma Green Belt Project Leader – Dow Chemical Certified.**
* **MBA (Master’s in financial management) Mumbai University (2014-2017 – Part time) with first class grade (Class Rank-1)**

**SUMMARY:**

Chemical Engineering graduate with **23+ years of experience,** ranging from Licensing package development, PDP/BEP development, Concept to FEED studies, detail engineering, commissioning, start-up, operation for Petrochemical, Refining & Oil and Gas facilities. Highly skilled in solving complex problem using six sigma methodologies and other various problem-solving tools.

My motto is to contribute on challenging assignment and achieve company vision, mission and goals with 100% **compliance & integrity** of processes, via continuous innovation & learning.

**WORK EXPERIENCE:**

**KIPIC -** Kuwait City (Aug-16 to Oct-20)

**Work Area: Al-Zor Refinery / LNGI Project**

**Designation:** Process Engineering Specialist (Technical Service Department)

**Nature of Work**

* Responsible for Process Engineering of Offsite, Tankage and Product export Marine facilities from design to commissioning with highest standard of safety & quality.
* Ensure design requirement for refinery start-up commodity import, Dosing skid for stringent grade ATK/diesel production, two grade LSFO production, PRIZe Integration, etc.
* Support project execution during construction phase in reviewing and approving various change orders.
* Lead Engineer in review of LNG import facilities process engineering deliverable. Design sendout capacity of 3000 BBTU per day with 8 full containment cryogenic storage and Regasification with seawater-based ORV (Open Rack Vaporizers) and SCV (Submerged Combustion Vaporizers).
* Deputed to Seoul South Korea, Hyundai Office to participated in PFD, P&ID, HAZOP, SIL Reviews. Contributed to identify and resolve critical design issues during HAZOP to make facility more reliable. Visited K-Gas facilities in Seoul Korea to get familiarize.
* Reviewed major deliverable for main process unit package (CDU/Hydrotreater/ARD). Lead engineer in closeout all HAZOP action items.
* Involved in reviewing of key milestone of projects – PFD, MSD, P&ID, HAZOP/SIL, 3D model review. Ensured close-out of all comments/punch points.
* Member of PMT team and responsible for review of process engineering deliverables and resolution of technical issue & expedite the project execution. Ensure design the facilities compliance to Shell DEP and company standards.
* Responsible for preparation for new feasibility study for modification and obtaining approval from management.
* Provided various presentation on process facilities of ZOR refinery, prepared executive summery reports, Safety reports, IORP, etc.
* Coaching / Mentoring the new graduate Kuwait young engineer.

**Reliance Industries Limited** – **RCP,** **Navi Mumbai, India** (July-12 to July-16)

**Work Area: Refining Technology.**

**Designation:** Sr. General Manager – CoE – Gasification (J3 Program).

**Nature of Work**

* Leading team for Reliance’s Gasification project and integration with Refinery & Petrochemical Expansion (Integration of Refinery, Gasification & Petrochemical complex) – J3 Program development.
* Responsible for Project implementation from concept to commissioning with highest standard of safety and quality.
* Lead Engineer for OGBL Complex (ASU, AGR, CO-Shift, Hydrogen and Sulphur unit) for J3 complex. Deputed to USA for reviewing key process engineering deliverable.
* Leading dynamic simulation study (Unisim – Honeywell) for Gasification complex and integration with existing refinery & petrochemical complex.
* Lead Engineer & Technical Authority for review/approval of all process engineering deliverable (Design Basis, PFD, Datasheets, HAZOP, P&ID, 3D Model) for OGBL complex.
* Developed ASPEN simulation package for OGBL process units, HTRI simulation model for all Exchangers and Column hydraulic simulation model for all Exchangers and Column for OGBL complex.
* Member of PMT/PMC (Fluor) and coordinating with EPC contractor, third party vendor on various technical issues, involved Technical Bid Evaluation, Technology selection / TBE for various packages for J3 Projects.
* Coaching and mentoring to less experience engineers.

**Saudi Aramco – Dhahran, Saudi Arabia** (Nov-11 to July-12)

**Work Area:** Engineering & Project Management

**Designation:** Project Engineer – Jizan Refinery Complex

**Nature of Work**

* Participated in executing FEED (Front End Engineering Design) for Jizan Refinery and Marine Terminal Project for IK (In Kingdom) package (Site Preparation & Utilities).

**Dow Chemical Company – IEC Chennai (India) / Houston, West Virginia (USA)** (11-Jun-07 to 23st Nov-11)

**Work Area** : India Engineering Centre (IEC)

**Designation** : Associate Manager - Process Engineering

**Nature of Work**

* Leading the process engineering team at India Engineering Centre to successfully implement the project with highest safety & quality in design for petrochemical / Chemical plant for Dow Chemical’s global facilities.
* Experience in developing licensing package for Dow’s technology. Successfully developed Licensing package for the SADARA-EO (Ethylene Oxide) and Chloromethane (CMP) facility for a Joint Venture in India.
* Fully conversant with GPM (Global Project Methodology) and ensure it followed in all Dow’s capital project. Responsible project evaluation/Analysis of new upcoming petrochemical facilities, Supporting project gate review presentation to management.
* Relocated to USA to worked with global team for preparation of Ethylene Oxide Basic Engineering package for Saudi Aramco Joint Venture.
* Member of Subject matter expert network of distillation technologies.
* Fully conversant with ASPEN plus, HTRI simulation / Column hydraulics. Design & optimized 100+ Exchangers and distillation column for Dow’s global facilities.
* Responsible for development of project from concept, feasibility study, design to implementation with optimum cost. Experience of development of all process engineering deliverable. Participated in implementing VIPs (Value improvement practices) in Dow Chemical’s capital project. Participated in India Capital effectiveness studies.
* Dow Certified GBPL (Green Belt Project Leader).

**Reliance Industries Limited – Hazira, Surat, India** (27-Jan-04 to 31-May-07)

**Work Area** : Operation.

**Designation** : Manager – Plant Operation.

**Nature of Work**

* Worked as Production in-charge of PTA (Purified Turephthelic Acid) Plant & Responsibility for achieving production targets with safe operation, maintaining high standards of Quality & HSE&F.
* Responsible for commission of Oxidation section of PTA-3 Plant with stabilization and achieved 107% capacity utilization.
* Lead Engineer in PSSR (Pre-Start-up Safety Review) / Walk through for witness of MC. Ensure liquidation of all punch points from reviews.
* Implemented improvement project to reduce solvent (acetic acid) consumption for PTA plant. Successfully commissioned azeotropic distillation column in PTA-3.
* Coordination with construction /other various disciplines for safe Construction & Supervising to follow strict WORK PERMIT Procedure to executing the safe job.
* Member for TQM Apex of RIL –HAZIRA chaired by Executive Director. Conducted 14 Lectures on Continuous Improvement all department of HAZIRA Petrochemical Complex.

**GRASIM Industries (Unit: Birla Cellulosic) A V Birla Group** (03-Feb-97 to 23-Jan-04)

**Work Area** : Manufacturing / Technical Services

**Designation** : Asst. Manager

**Nature of Work**

* Worked as operation engineer in H2SO4/CS2 plant and responsible for achieving production target with highest safety and quality standard.
* Involved in the H2SO4/CS2 plant from construction to pre-commissioning/commissioning and stable operation of plant.
* Successfully completed Two Six Sigma Project for Reduction of Sherley Faults & Whiteness Improvement in Viscose Staple Fiber.
* Internal lead auditor of IMS (Integrated Management system - ISO: 9001:2000, ISO:14001:1996, OHSAS:18001:1999).

**TRAININGS & INDUSTRIAL EXPOSURE:**

1. 01 Week GPM (Global Project Methodology) training at Chennai By Dow Chemical Expert Wayn Bahr from USA.
2. 03 Month Process engineering training: ASPEN, HTRI, EPCON SiNET, LPP(Loss Prevention Principle), Distillation column design and Hydraulics at Houston, USA by Dow Chemical SME.
3. 04 Week Six Sigma GBPL (Green Belt Project Leader) training at Chennai By. Dow Chemical’s Master Black Belt Hans Lemcke from Germany.
4. Compressor Training By M/s Burton Corblin, at France
5. Lead Auditor training of ISO:9001:2000 (Quality Management System) – For one Week, OHSAS:18001:1999 (Occupational Health and Safety management System) for Five Day by BVQI. Received certification.
6. Design of experiment, Regression analysis, Two Level Factorial Design & Response Surface Optimization By Dr. Ranjan Malik (Professor of IIT, Mumbai).
7. WORLD CLASS MANUFACTURING Tools (KAIZEN, 5S, JIT, FMEA QC tools) Conducted by Corporate Cell of Aditya Birla Group.

**Interests:** Music, Reading, Travelling and spending time with Family

**Notice Period:** 3 Month

I here by declare that information given above is best of my knowledge and belief.

Sd

**ASHOK KAKADIA**