

# RAJENDRA. J. SOUN



A visionary professional, proficient in running successful method-oriented operations & taking initiatives for business excellence through process improvement; targeting top-notch assignments as Plant Head with an organization of high repute

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## Profile Summary

- ❖ **Strategic professional with nearly 26 years** of proven success in **Plant Engineering, Production Operations, Project Management, Process Improvement, Budgeting, Scheduling & Energy Management in the Chemical industry**
- ❖ **Insightful professional with notable success in directing a broad range of production & manufacturing Operations**, while participating in yearly planning, analysis & implementation of solutions in support of business objectives; conducting failure & rejection analysis, assess scope of studies & suggest solutions.
- ❖ **Decisive, strategic and performance-driven professional** with merit of delivering transformational changes in Plant; directed functions for various departments such as P&L, Strategic Planning, Production, Maintenance, Manufacturing, Quality, Cost Optimization and Process Improvement
- ❖ **Showcased proven capabilities in turning around the performance of the plants** through implementation of multiple strategies; executed effective techniques to bring efficiency in-plant operations to improve quality standards & to achieve maximum cost savings.
- ❖ **Successfully implemented occupational Health and Safety plans** including data analysis, cost benefit analysis, & post audits implementation; monitored Safety of Plant, Machinery, Personnel & Environment protection as per ESHA guidelines
- ❖ Expertise in **Establishment, Pre- Commissioning, commissioning, Decommissioning, Troubleshooting, Start-up, Shut-down, Energy- conservation and De-bottlenecking of Process plants.**
- ❖ **Expertise in directing functions for various departments such** as P&L, Strategic Planning, Production, Maintenance, Manufacturing, Quality, Marketing, Engineering, Cost Optimization, HR, Process Improvement and so on
- ❖ **Outstanding exposure in Quality standards** ISO-9001:2015, Operating Knowledge of DCS CS 3000 and ERP Skill SAP R/3 PP / PM Module & UDYOG; liaised with government department and consultants for approvals and clearances; ensured compliance with environmental and safety regulations as well as adherence to quality standards like ISO.
- ❖ **An Ardent Senior-level Professional** with consistent record of delivering results and expertise in building & motivating large teams to meet corporate expectations.
- ❖ Successfully completed Lean **Six Sigma Black Belt certification course** from SGS India Private Limited.



## Core Competencies

### Strategic Business Planning & Leadership

### Vendor Management / Regulatory affairs

### Continuous Process / Operational Excellence

### Problem Solving / Customer Centric

### Plant Operations/ Manufacturing / Production Operations

### Budgeting/ Forecasting & Cost Control

### EHS Management/ Change Management

### Technical / Analytical skills

### Project Planning & Execution

### Risk Assessment/ Quality Assurance & Control

### Team Building / Man Power Management

### Batch & Continuous Process Knowledge



## Workshop Attended

- ❖ 7 Habits of Highly Effective People by Frankline Covey
- ❖ Zurich Hazard Analysis Online Software
- ❖ Team Management by J. Kabra
- ❖ Stress Management by Dr. Nadkarni
- ❖ Risk Management in Industries from Central Labour Institute, Mumbai
- ❖ Predictive Maintenance in Factories from Bombay Chamber of Commerce & India
- ❖ Problem Solving by Ms. Aruna Tijare
- ❖ Master Class for Personnel & Professional Success by Dr. Rakesh Sinha



## Education

2017

Post Graduate Diploma in Operation Management with First Class from Welingkar Institute Mumbai

1996

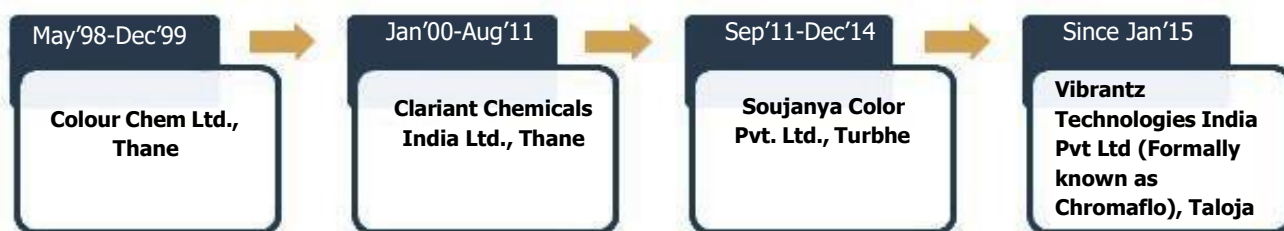
B.E. Chemical Engineering from Tatyasaheb Kore Institute of Engineering & Technology, Warna, Kolhapur, Shivaji University. Secured 66%

## IT Skills

- ❖ Microsoft Word, Excel, PowerPoint & AutoCAD REL 13



## Career Timeline



## Significant Highlights

- ❖ Successfully established Colorant Manufacturing Plant for Chromaflo Technologies India Pvt Ltd of Capacity – 200 MT per month in Y 2017.
  - ❖ Performed erection & commissioning of colorant plant worth INR 15 crores in 2 phases ahead of time without any untoward incidents, accidents & equipment damage in 2017.
  - ❖ Performed successfully safe erection & commissioning of Zero Liquid Discharge Effluent Treatment Plant in Y 2017 of capacity 6000 ltr/day.
  - ❖ Managed Representative and guided the team to achieve ISO 9001: 2015 QMS certification in Y 2019
  - ❖ Achieved INR 40 lacs value savings in Y 2021 through introduction of new vendor & annual price contracts.
  - ❖ Safely & effectively managed 3 Tolling centers for a period of 2.5 years Y 2015 to Y 2017 – Ducol Color, Imagico & Nixon Chemicals.
  - ❖ Secured license from statutory bodies such as MPCB, MIDC, DISH, MSEB & obtained NOC from Fire department.
  - ❖ Built a competent manufacturing team in Y 2017.
  - ❖ Successfully implemented 5 days working model for manufacturing as against 6 days with significant saving in Energy cost, better control & supervision on the plant regarding safety & productivity.
  - ❖ Zero accident recorded till date.
  - ❖ Achieved Statutory compliances – 100%.
  - ❖ Effectively managed Colorant Manufacturing Plant of Soujanya Color Pvt Ltd Capacity – 500 MT/month; led a team of 100 employees.
  - ❖ Done improvement in product quality by changing the grinding media with respect to gloss, foam & Tinting strength.
  - ❖ Streamlined milling operations of Alpha Blue pigment at Clariant Chemicals India Ltd - Cuddalore work and Green pigment at M/s Dhanveen pigment Ankleshwar.
  - ❖ Done safe erection & commissioning of Beta Blue Plant under GANO project in Y 2011.
  - ❖ Active Member of Local Emergency Management team as a Mock Drill experience of Chlorine leak
  - ❖ Gained operating Knowledge of DCS Micro- Excel, Yokogawa & CS 3000 Yokogawa
  - ❖ Reduced the
    - Repairs & maintenance cost of Diketene to Rs. 69 lacs in Y 2009 from Rs. 82 lacs in 2008 and Green by 8% in Y-2005
    - Conversion cost of Diketene to 27.7 INR/kg of Diketene Y 2009 from 29.66 INR/kg of Diketene 2008 i.e. 1.96 INR/kg
    - Acetic acid inventory to 75mt from 200mt
  - ❖ Successfully transferred Diketene Manufacturing plant technology to M/s Laxmi Organics in Y 2009
  - ❖ Saved:
    - 31.72Lacs in Sludge Hydrolysis Project in 2009
    - 1.3crore by using alternate fuel to optimize furnace operating cost in 2009
    - Reduced specific power consumption 0.04kwh/kg Pure Diketene and achieved saving of 9.74Lacs in 2009.
  - ❖ Bagged Top performer award received Rs. 50,000/- in Y 2008
  - ❖ Reduced specific steam consumption 0.15kg/kg pure Diketene and achieved saving of 8.4lacs in 2008.
  - ❖ Prepared SOP as well as HAZOP done for Sludge Hydrolysis Project in Y 2007
  - ❖ Completed erection & commissioning of Green Pigment Plant Expansion project cost Rs. 1.5 Crores ahead of time in '05
  - ❖ Notable success in managing Diketene Plant from 2006 - 2010 no accidents, no incidents, minimum break down more productivity with less manpower.
  - ❖ Performed Inventory Management, HAZOP for Risk Assessment, Updating of P& ID, Plant Layout, Technical Plant Documentation, Assets Verifications, SAMACO Plan (Safety Maintenance & Control Program) & Compliance
- Projects implemented & commissioned:
- ❖ Sludge Hydrolysis Project i.e. Extraction of Acetic Acid from Diketene Sludge improve in Acid ratio 1.822kg/kg Pure Diketene from 1.86 kg/kg of Pure Diketene as well as raw material consumption. DCS project in Y 2008 over Single Loop Process Control System cost Rs. 1 Crores improved productivity by monitoring & implementing the best operating parameters, help for finding the Root Cause Analysis of Equipment & to take corrective action. Project completed in 18days during shutdown period.
  - ❖ Expansion of Phthalocyanine Green Pigment in the year 2005 cost 1 Crores
  - ❖ Significant reduction in maintenance cost drastically by replacing rubber lined impeller of drowning blower with Fibre reinforced vinyl ester & equipment available for production and HAZOP done for Chlorination system.
  - ❖ Process improvement: Provision of Demister in the vapour line to improve the cleaning frequency of Distillation column; achieved 50,000/-rupees saving every year & production loss for 3 days during cleaning of the distillation column.
  - ❖ Done safe **decommissioning of Diketene Plant** in the Year 2009 & Phthalocyanine Green in Y 2011 as per ESHA Guideline No. 25 without any accident, no injury, no equipment damage, no incident, no environmental pollution.



## Work Experience

Since Jan'15| Chromaflo Technologies India Pvt. Ltd., Taloja as Site & Operations Manager Indian Sub-Continent

Sep'11-Dec'14| Soujanya Color Pvt. Ltd., Turbhe as GM Works

Key Result Areas:

- ❖ Administering activities right from the conceptualization stage to the execution, involving budgeting, finalization of technical specifications, procurement, scheduling, progress monitoring, site management and manpower planning
- ❖ Developing strategic goals and objectives for materials management in alignment with vision and organizational goals, in collaboration with other functions, identifying and implementing industry best practices in supplier development, procurement and inventory management in order to achieve operational excellence.
- ❖ Maintaining quality standards, ensuring stringent adherence to quality standards, norms & practices viz., ISO 9001, identifying gaps & taking corrective / preventive action
- ❖ Establishing and executing effective techniques to bring efficiency in-plant operations to improve quality standards & to achieve maximum cost savings.
- ❖ Supervising end-to-end projects for set-up, expansion, modernization, installation of equipment, finalization of technical specifications, procurement and so on
- ❖ Developing project baselines; monitoring & controlling projects with respect to cost, resource deployment, time overruns and quality compliance to ensure satisfactory execution of projects.
- ❖ Monitoring functions & formulating models for engineering activities like troubleshooting & breakdown/ preventive/ shutdown maintenance for bringing down process control instruments' downtime to a minimum level.
- ❖ Establishing SOPs & checklists; devising procedures for isolation & emergencies and conducting audits
- ❖ Formulating operating budgets, tracking & reviewing budget milestones, optimizing generation costs through proper load plan and performing variance analysis
- ❖ Monitoring work sites & any outstanding HSE issues and ensuring that the safety is implemented in timeliness of deliverables, extending support to team members by defining standard safety practices.
- ❖ Studying & analyzing continuous process data for product quality, quantity & process parameter deviations; comparing data for continuous improvement in process & for troubleshooting
- ❖ Organizing need-based knowledge sharing sessions for staff; imparting training to the staff for skill enhancement
- ❖ Initiating and implementing systems, processes, and procedures to facilitate smooth functioning of overall production operations and enhance operational efficiency.
- ❖ Identifying areas of improvement and recommending process modifications and equipment calibrations to enhance operational efficiencies of the systems.
- ❖ Preparing monthly report for the plant operations, specific consumption, uptime loss analysis, environmental release & loss reporting, updating of operating instructions, procedures, and action plans
- ❖ Improving Product Margins; reducing Net Working Capital & maximizing profitability and return on capital employee.
- ❖ Planning and recommending investment for new machinery and equipment etc. for expansion, replacement, and special projects
- ❖ Engaged in Supply Chain activity right from sourcing of the raw materials till dispatch of finish goods at customer end.
- ❖ Ensuring proper implementation and continuous maintenance of the Company's Quality System; driving quality initiative like 5S & Safety



## Previous Experience

Jan'00-Aug'11|Clariant Chemicals India Ltd., Thane as Executive - Plant Engineering (Pigment Plant- Batch Process)

Growth Path:

Jan'00-Mar'04: Executive - Plant Engineering – Phthalocyanine Green

Apr'04-Mar'06: Assistant Manager - Plant Engineering - Phthalocyanine Green

Apr'06-Mar'08: Production Manager-Diketene Plant (Continuous Process)

Apr'08-Mar'10: Sr. Manager Production-Diketene Plant

Apr'10-Dec'10: Sr. Manager Production & Engineering– Phthalocyanine Green (Batch Process)

Jan'11-Aug'11: Operations Manager Pigment Division

May'98-Dec'99| Colour Chem Ltd., Thane as Trainee Engineer (Pigment Plant- Batch Process)

## Knowledge Purview

❖ Hazardous Chemicals Handling:

Pigments (40 MT/month), Diethylene Glycol (10 MT/month), Biocides (0.75 MT/month), Extenders (10MT/month), solvent (2MT/month) Resins (3MT/month), Additive (3MT/month)

❖ System Handling:

Colorant systems - Pre-Mixing, Milling, Dearation & Filling, Fire Hydrant system, DM Water plant system & ZLD system.

❖ Machines Handling:

Dyanomills, Pin Disc Mill, Basket Mill, High Speed Dissolver, Low Speed Dissolver, Vacuum Pump, Gravimetric filling machine, Label applicator, High Resolution Printers, Pumps (Screw, Gear, AODD), Air Cooled Water Chiller, Air Compressor, Air Handling Unit, ETP (Primary, Secondary, Tertiary unit & RO unit), DM water plant

❖ Hazardous Chemicals handled:

Diketene (600t/month), Anhydrous Ammonia (1.2t/month), C9 (140t/month), Acetic Acid (1200t/month), Aluminium Chloride (230t/month), Chlorine (150t/month), Mono chlorobenzene (320m3/month, Phthalocyanine Green (120 MT/month)

❖ Systems Handled

Chlorination, Drowning, Filtration, Scrubbing, Spin Flash Drying System, Air Classify Milling System, Dense Flow Conveying System, Thermic Fluid Heating system, Sludge Hydrolysis, Acetic Acid Fractionation, Furnace – Acetic Acid Cracking System & Nitrogen Storage Facility,

❖ Machines Handled:

Chlorine Evaporators , Glass lined Reactors , Distillation vessel , Chamber type filter presses , Spin Flash Dryer , Air Classifier Mill , Vacuum Deaerator , Air Blender , Blowers , Screw conveyors , Nauta Mixer , Thermic Fluid Heaters , Air Heater , Chlorine scrubbers ,Bag filling machines , Furnace , Shell & Tube Heat Exchangers , Vacuum Pumps , Distillation columns , Thin Film Evaporator , Cooling Tower , Condensers , Air Jet Mill , Ribbon Blender , Bag filters , Rotary valves , Pneumatic & Electric Hoists , Bottle filling machines – strainers & colorant , High Energy Efficient Mills .Reactors. Belt conveyor, Magnet separator, Candle & Sand Filters, Tray Drier, Sand mills.

## Personal Details –

Date of Birth: 13th December 1974

Languages Known: English, Hindi & Marathi

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