

ACCOMPLISHED PROFESSIONAL OPERATIONS MANAGEMENT AND PROJECT MANAGEMENT (BROWNFIELD/GREENFIELD PROJECTS)

PROFESSIONAL SNAPSHOT

Tenacious professional offering 20+ years of rich experience in spearheading **Plant Operations & Maintenance, Project Management, Processes and Business Development** while working with state-of-the-art, technically advanced plants/mines in the **Mining, Mineral Processing, Ferro-Alloys & Solar Power industries**. Successfully delivered **high-quality value-added products in Ferrous & Industrial Minerals – Iron, Chrome & Manganese, Barite, Bentonite, Kaolin Clay, Feldspar, Beach Sand Minerals, Talc etc., Ferro Alloys and Solar Power** to effectively meet global market/customer requirements.

Led all aspects of **Plant Operations** from **strategy planning, preparation of AOP/ budgets, resource/ material planning, vendor coordination/cost-effective purchase, inspections/audits/ quality & safety assurance, compliances to MIS reporting, with key focus on P&L, cost & resource optimization**. Led preventive & predictive maintenance schedules for ensuring operational efficiency of plant equipment & machinery (OEE). Championed various **Process Improvement & Cost Optimisation Initiatives** like **Six Sigma, TPM, TQM, Theory of Constraints (TOC), Knowledge Management, Excellence Models, ISO Standards & Best Practises Implementation** for achieving streamlined operations, enhanced productivity, high-quality products & significant cost savings.

Keen Strategist & Visionary; leveraged **process reengineering /new technology/ solar energy implementation** to ensure operational excellence & environment protection. Executed **3 Solar Power Projects at Rajasthan (10 MWp) and AP & Barite Beneficiation Plant (Greenfield Project) in AP**.

Pivotal in **Business Development, New Unit Set-Up & Greenfield Project Execution** entailing **feasibility study of project proposals, techno-financial evaluation of business opportunities, bankable project report/ mineral processing/value addition process sheet development, statutory clearances, capital procurement, erection, commissioning, engineering to project execution**.

Since May'18: Golcha Group, Bhilwara & Jaipur as VP – Operations (Mining & Processing)/ Mines Agent

May'08 - May'18: Trimex Group, Chennai /Indonesia as GM- Barite Business

Jul'00 – Mar'07: TATA Steel - Ferro Alloys & Mineral and Mines Divisions as Sr. Manager

SIGNATURE SKILLS & MILESTONES

Strategic Plant Operations Management
Continuous Improvement
Product Devolvement/ Commercialisation
Project Management / Feasibility Studies

Operational Excellence / SOPs / AOPs
Internal & External Lab Testing / R&D
Budgeting / Cost & Resource Optimisation
Quality & Safety Assurance (HSE)

Mineral Plant Process Development & Analysis
Audits & Inspections/ ISO Compliances
Business Development/ Tendering
Vendor Development/ Capital Purchase

- ✚ Handled **Mining Processes, Drilling & Blasting, Storage of Explosives, Ore Extraction, Ground Control, Slope Stability, Waste Disposal, Mineral Processing & Beneficiation** in adherence to Mine Safety Practices & statute compliances.
- ✚ Gained **International Experience of working at UAE & Indonesia during the tenure with Trimex Group**, successfully:
 - Developed a **process for Beneficiation of Barite using Tribostatic Separator (Complete Dry Process)**
 - Led the **development of new Sintered Refractory Product (Mullite)** from Sillimanite.
 - Drove **Process Improvement in Kaolin Mine & Plant in Indonesia**
 - Enhanced **Barite Business Operations, twice the volume vis-à-vis previous year** with bigger size cargo shipments
- ✚ **Cost Optimization Program (Task Force): TOP (Total Operational Performance), designed by and implemented with McKinsey, in 4 business units**, addressed a cost base of INR 4,500 million, identified & implemented bottom line savings of INR 400 million at Tata Steel, Best production as shop floor manager in chrome ore beneficiation plant.

Strategic Influencer

Integrity, Empathy

Drive for Results

Problem-Solver

Quality Orientation

LEADERSHIP EXPERIENCE

Since May'18: Golcha Group, Rajasthan as Vice President – Operations (Mining & Processing)/ Mines Agent

Highlights:

- ✚ Spearheading **Mining & Processing (Sorting & Grinding) Operations of Talc** entailing **statutory compliances, system improvement, development of beneficiation processes for low grade talc, capital projects conceptualization and execution**
- ✚ Developing a framework of plant SOPs, procedures & QA systems and overseeing smooth implementation at shop-floor
- ✚ Monitoring all areas to ensure that extraction & processing work is performed as per quality standards with high productivity & efficiency
- ✚ Driving efforts to enhance plant capability & capacity through technology, recommending capital needs including building & equipment
- ✚ Liaising with Regulatory Authorities & Govt. Agencies for obtaining necessary Statuary Clearances and Compliances.
- ✚ Monitoring compliance to organisation's HSE plan/ policy / manual / guidelines for a safe and accident free work environment

May'08 - May'18: Trimex Group, Chennai last designated as General Manager - Barite Business

Growth Path: Joined as Manager (Mineral Processing), promoted as Manager (Operations – Indonesia), then as Dy./General Manager (Projects) & General Manager - Barite Business

Highlights:

- Led complete **Operations of Barite Business – Lump & Powder Export and Domestic** as well as Operations of ROM Sizing & Grinding Plants
- Performed different roles as Manager (Mineral Processing), Manager (Operations – Indonesia), Dy./General Manager (Projects) and **administered Project Management, Mineral Process Development, Feasibility Study & Business Development**, Mineral Processing, Grinding & Value Addition, Operations & Plant Process Improvement; played a key role in facilitating:
 - Project Pre-feasibility Study, Mineral Beneficiation, Operations, Performance (Yield) Improvement, Minerals & Solar Power Project Executions
 - Value Addition Product & Process Flow Sheet Development (In-house Pilot & Lab Level Testing, R&D / Testing at External Laboratories)
- Successfully **executed Key Projects / Assignments** like:
 - Barite Beneficiation Plant (Greenfield Project) in Kodur, AP**– Wet & Dry Process flow development for beneficiation of low-grade Barite Ore based on pilot plant testing in-house & expert labs, project report preparation, statutory clearances, basic & detailed engineering development
 - Feldspar & Quartz Mining & Grinding Operations; Manufactured Sand Project Study; O& M of 10 MWp Solar Plant
 - 3 Solar Power Project Execution; Rajasthan (10 MWp)** and Srikakulam (1 MWp & 100 KWp).
 - Sillimanite Grinding Plant (Closed Circuit Ball Mill), Srikakulam, AP; Single Super Phosphate (SSP) Fertilizer Plant Commissioning in Raj.,
 - Process Analysis, Improvement and **Operations of Kaolin Clay Mines and Processing Plant in Belitung, Indonesia. (Indonesian Assignment – of 10 months as Operations Manager).**
 - Process Studies in few Circuits of Heavy Mineral Sand Plant;
 - Development of New Sintered Refractory Material (Mullite) from Sillimanite
 - Barite Grinding Plant at Kodur and Kakinada (Closed Circuit Roller Mills), AP, India; 8 MVA Stand-By DG Power Plant in Srikakulam, AP
 - Crushing Plant for Iron Ore at Bellary, Karnataka; Layout Development for Bentonite Processing Plant, Bhuj, Gujarat**
 - Technical Feasibility Study on Alternative Fuel to Replace FO/HSD in Srikakulam Beach Sand Plant, AP, India
 - Feasibility Study of Quick Lime Plant in Ras Al Khaimah, UAE** (UAE assignment - about 2 months)
 - Feasibility Study of Wind Power/ Solar Power in India; Feasibility Study of Hydrated Lime Project in India
 - Participation in **different Tender Processes of Govt of Tamil Nadu, Andhra Pradesh & Rajasthan**

Jul'00 – Mar'07: TATA Steel Ltd., Ferro Alloys & Mineral and Mines Divisions last designated as Sr. Manager

Growth Path: Joined as Graduate Trainee rose to the position of Sr. Manager through promotions

- Worked across **Chrome Ore Beneficiation Plant, Iron Ore Processing Plant, Ferro Chrome & Ferro Manganese Plants** as well as **Chromite, Manganese and Iron Ore Mines**
- Plant operations and Maintenance**
- Prepared Annual Business Plan (ABP), Budgeting, MIS. Cost & Benefit Analysis for all Improvement Initiatives
- Drove Total Productive Maintenance (TPM), Theory of Constraints (TOC), **Knowledge Management, Tata Business Excellence Model**, Daily & Policy Management (TQM, Deming Award), Six Sigma, ISO Standards, etc. in day-to-day operations as a divisional coordinator
- Led a **Cost Optimization Program (Task Force): TOP (Total Operational Performance)**, designed and implemented with McKinsey, in 4 business units, addressed a cost base of INR 4,500 million, identified & implemented bottom line savings of INR 400 million

ACADEMICS & CREDENTIALS

Executive PG in Business Mgmt. (MBA) - Finance & Operations from ICAI Business School (IBS), Hyderabad in 2008; secured 9.16/10 CGPA
BE - Electrical & Electronics from Birla Institute of Technology (BIT), Mesra, Ranchi in 2000; secured 73%

Certifications/ Trainings:

- Certified TPM Coordinator by TPM Club of India, CII
- Six Sigma Green Belt Certification by Tata Steel
- Policy & Daily Management Coordinator's Training (Deming Award)
- Certified Internal Assessor for Tata Business Excellence Model (based on Malcolm Baldrige National Quality Award, USA)
- Trained in Theory of Constraints (TOC)

Paper Publications:

- Paper on "Upgradation of Mangampet Low Grade Barite Using Hindered Settling Bed" in XII International Seminar on Mineral Processing Technology 2011 (MPT - 2011)
- Paper on "Jigging of Mangampet Low Grade Barite – Limitations" in Mineral Processing Technology 2014-15 (MPT – 2014-15)

PERSONAL DETAILS

Date of Birth: | Languages Known: | Nationality:
Present Address: | Permanent