

SATYA NARAYAN SINGH

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Process Management Professional - Cement Industry

- ☞ Competent and result oriented **Chemical Engineer** with **12+ years of experience across Production and Business Development**, troubleshooting, commissioning, operations, process safety management – documents and Process Engineering in cement industries; currently spearheading as **Senior Product Engineer** with **Fosroc Chemical India Pvt. Ltd. Noida(Uttar Pradesh)**
- ☞ Deft in production planning, cost management and manpower supervision in the manufacturing environment. Effective resource planning/ optimization, focusing on waste reduction, enhancing productivity and profitability.
- ☞ Sound understanding of the Safety Standards, ISO Procedures and Quality Management Techniques, successfully handled hazardous chemicals during the successful stint of career.
- ☞ Understanding of all aspects governing operational and production activities and up to date knowledge of latest technological advancements, regulations/ guidelines and statutory compliances in the industry - PSM, Safety, Fire, Distribution, Environment and Occupational health.
- ☞ A keen planner and a strategist with excellent multi-tasking skills in Plant Operation, equipment maintenance and management, troubleshooting, optimization and performance.
- ☞ Expertise in tapping prospects, analyzing requirements, rendering guidance to clients.

Technical Skills:

- ☞ Vertical Roller Mill (VRM) Operation and Optimization.
- ☞ Nozzle Ring Area Calculation.
- ☞ Flow Measurement, Heat Balance, Mass Balance, False Air Calculation, Circuit sampling.
- ☞ Cement plant's Fan Efficiency Calculations.

Major Accountabilities

- ☞ Spearheading efforts as Senior Process Engineer, responsible for implementation of Production activities as per schedule & achievement of production target as per planning.
- ☞ Instrumental in defining process development, process controls and accurate norms to minimize process wastage in different processes for yield improvement, quality improvement, productivity improvement and cost reduction.
- ☞ Looking after overall plant functions entailing start-up / shut down operations; also rendering cutting edge guidance for technical troubleshooting of process & plant to ensure uninterrupted working.
- ☞ Driving efforts across handling installation & commissioning of plants while ensuring optimum utilization of resources and adherence to time and safety parameters.
- ☞ Expertise in reviewing drawings, technical specifications & commissioning of the equipments; reviewing and analyzing various groups to enable start-up / shut-down activities.
- ☞ Maintaining EHS standards as per policy & maintain ISO & Quality system in accordance with ISO 9001:2008
- ☞ Awareness on process safety management & safety procedures of onsite emergency response.
- ☞ Interfacing with customers and others on a regular basis to provide technical support. Provide project status, technical reports and presentations to management and customers.
- ☞ Coordinating with factory till dispatch of the materials, attending shop queries to ensure flawless manufacturing and smooth execution.

Professional Experience

Fosroc Chemical India Pvt. Limited (Noida- Uttar Pradesh) | Sr. Product Engineer – CGA since Jun'18 to Till

- ☞ Fosroc is a leading international manufacturer and supplier of high performance chemicals and Cement Grinding Aid for the construction industry with a particular focus on cement industry also.
- ☞ Looking Cement Grinding Aid business in North and West India as Sr. Product Engineer.
- ☞ Conducting extensive Plant Trails/Lab Trails of Grinding Aids in Cement Industries across North and West region.
- ☞ Execution of new product launches by marketing and resolving operational complaints.

Ambuja Cement Ltd (Grinding Unit-Dadri (Uttar Pradesh)) | Sr. Process Engineer

Sept'11 –May'18

- ↻ Responsible for Process Designing Calculations and Simulations with in the plant.
- ↻ Looking Process Equipment Designing department with Production department.
- ↻ Looking after VRM LM 56.3+3C (LOESHE MILL) clinker grinding, Operation & Optimization.
- ↻ Handling the Operation of VRM LM 56.3+3C (LOESHE MILL) through CCR.
- ↻ Responsible for process calculations like fan flow measurement, heat balance, mass balance, false air measurement etc.
- ↻ Monitoring Modifications and Upgrades, and troubleshooting existing processes problems.
- ↻ Maintaining the MIS report, Z1 notification, MR and Production Report.
- ↻ Assessing the availability of Raw materials (Clk. Unloading, F/ash Unloading, and Gypsum Unloading) and the safety of the plant.
- ↻ Ensuring the Process works at the optimum level, to the right rate and quality of output, in order to meet supply needs.
- ↻ Ensuring that all aspects of an Operation or Process meet specified regulations.
- ↻ Making Observations and Taking Measurements directly, as well as collecting and interpreting data from the other technical and operating staff involved.

AMCL (ACC Machinery Ltd) Ltd, Nagpur (Maharashtra) | Process Engineer

Jan'11-Aug'11

- ↻ Looked after the VRPM Operation & Optimization with Ball Mill
- ↻ Involved as a Service and Optimization Engineer for different Cement Plants
- ↻ Maintaining the status reports and plant calculations.

Prism Cement Ltd, Satna (M.P.) | Senior Engineer Process (Technical Cell)

Jan'08-Sept'10

- ↻ Successfully managed:
- ↻ Process Designing Calculations and Simulations with in the plant
- ↻ All the Process Calculations like Fan Flow Measurement, False Air, Heat Balance, Mass Balance, Cooler Recuperation Efficiency Etc.
- ↻ Monitoring Modifications and Upgrades, and troubleshooting existing processes problems.
- ↻ Operations of Raw Mill, Coal Mill, Kiln from CCR
- ↻ Maintenance of MIS reports and Plant Calculations reports as well as ISO documents

Academics

Bachelor of Technology (Chemical Egg.) | H.B.T.I. Kanpur | 2006

12TH | U.P. Board | 2000

10TH | U.P.Board | 1998

Projects Undertaken

Cement Plant Fan Efficiency Turn Table Training 2014

- ↻ Project Title: "Cement Plant's Fan Efficiency"
- ↻ Organization: Holcim Switzerland at Ambuja Cement Unit: Bhatapara (C.G)

Process Engineer Certification Course "PECP 2018"

- ↻ Project Title: "PECP 2018"
- ↻ Organization: Lafarge Holcim at ACC Cement Ltd. Unit: Wadi (Karnataka)
- ↻ 21 Day Process Engineer Course including whole Cement Manufacturing Process

Internal Auditor Training

Project Title: "Internal Auditor Training"

Organization: Allied Boston Consultant Pvt. Ltd. New Delhi

Date of Birth: 15th May 1984 | **Languages Known:** English, Hindi | **Permanent Address:** H.No.5675 Tulsi Vihar Colony, Orai (Jalaun) Uttar Pradesh | **References:** Available on request