



ISHWAR LAL SAHU

HEAD QUALITY CONTROL AND ASSURANCE IN CEMENT MANUFACTURING

CONTACT :

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Raj Nagar Maihar, Madhya Pradesh (485771)

COMPETENCIES :

- Quality Control
- Problem Solving
- Problem Analysis
- Raw Material Handling
- AFR Optimization
- Manpower Management
- Cost Optimization
- Mines Life Enhancement
- Fuel Optimization
- Training And Development
- Use Of Red Mud
- Product Optimization
- Co-Ordination With Inter Department
- MIS For Production & Quality Control
- C3S Optimization
- Gypsum Optimization
- Fineness Optimization
- R&D For Grinding Aid
- PP Bag Size Optimization
- Additive Optimization
- BIS Compliances For Product
- BIS License Renewal

TECHNICAL SKILLS :

- Raw Mix Design
- Physical And Chemical Analysis
- Calibration Of Equipments
- Readdressal Of Complaints



PROFILE SUMMARY :

Working in cement industry since 20 September 1994 for quality control and assurance.



EDUCATION :

Post Graduation

- Course MS/M.Sc(Science)(Chemistry)
- College Institute of Management Pt Ravishankar Shukla University, Raipur
- Year of Passing 1994
- Grade 65%



Graduation

- Course B.Tech/B.E.(Process Engineering)
- College Birla Institute of Technology and Science, Pilani
- Year of Passing 2022
- Grade 7.7/10



WORK EXPERIENCE :

KJS Cement, Maihar (MP) (Jan 2024 to Present)

- **Designation:** Head of Quality Control
- Overall responsible for quality control of the semi and finished product and comply the requirement of BIS norms. And ensure no product complaint in the market and increase profit of company by utilizing low cost raw material and fuels. Enhance the mines of captive limestone mines. Proper utilization of raw material in process and ensure consistency quality of the finished product. Utilize manpower at work place and provide them proper guidance so that they can develop their skill for future.



UltraTech, Rawan Cement (CG) (Dec 2021 to Jan 2024)

- **Designation:** AVP (Head of Quality Control)



UltraTech, Vikram Cement Works (MP) (Dec 2020 to Dec 2021)

- **Designation:** Senior General Manager



UltraTech, Aditya Cement Works (RJ) (Jul 2016 to Dec 2020)

- **Designation:** General Manager



UltraTech, Sewagram (GJ) (Oct 2014 to Jul 2016)

- **Designation:** Assistant General Manager



UltraTech Cement, Kotputli (RJ) (May 2010 to Oct 2014)

- **Designation:** Manager



JK Cement, Mudhol (KA) (Mar 2008 to May 2010)

- **Designation:** Deputy Manager



Lafarge, Arasmeta Cement Plant (CG) (Jan 2000 to Mar 2008)

- **Designation:** Senior Officer



Raymond Cement Works, Gopalnagar (MP) (Sep 1994 to Jan 2000)

- **Designation:** Officer



PERSONAL DETAILS :

- **Total Experience**

29 Years 3 Months

- **Current Location**

Raipur

- **Date of Birth**

Jan 13, 1972

- **Gender**

Male

- **Marital Status**

Married

LANGUAGES KNOWN :

- Hindi
- English

PROJECTS :

Nodulization of Clinker, 3 Weeks

- At Kotputli Cement Works, fines generation issue resolved by optimization of MgO percentage and liquid content in clinker quality parameter.

Consumption of MS Slag, 2 Months

- At Rawan Cement Works, 9 years old MS slag (10K) consumed in process by optimized Fe₂O₃ and 212 micron residue.

Use of TPP Bed Ash in Raw Mill, 6 Months

- After notification of pollution control board for penalty, 23K bed ash used in raw mill by taking benefit of Al₂O₃ content in it and deficiency of Al₂O₃ in limestone.

Maintained ASR in hot meal, 1 Months

- Very low ratio of ASR during use of pet coke in kiln, leads to jam of cyclones. By use of red mud (having high K₂O & Na₂O) able to maintain ASR 0.8 - 1.2 in hot meal samples.

Enhance mines life, 3 Months

- After analysis of ferrous limestone of mines fixed ratio of 1st batch limestone and reduced pile LSF from 98 to 96, which reduce consumption of iron ore in raw mix ultimately mines life increased.

Increase TSR by use of carbon black, 2 Weeks

- Looking the infrastructure of the plant mixed carbon black along with linkage and US coal and consumed mix in PC. Its help to increase TSR up to 6% from 2%.

Grinding Aid optimization, 1 Months

- Taken project for increase production of OPC-53 grade cement with grinding aid, initial strength increased but no gain in latter strength due to optimum particle size distribution, hence no gain in production also.