

# ER. RAMANJEET SINGH WALIA

Honorary Doctorate for contributions to sustainability in construction. 22+ years in 360° construction, real estate and materials, headed B2C Technical Support in the steel industry, KAM & B2B Technical & R&D in Cement and QA/QC in Construction & Real Estate. Expertise in Concrete Technology, B2C techno support, large team management, and sustainable building materials. Proven track record in Technical Services, Quality Control, Operations Excellence and Business Development in Cement, Steel, Construction and RMC domain. Committed to driving growth, excellence, innovation, and superior quality.



## Career Summary

- Attained chronicled success in Construction Industry for over 22 years, effectively managing large B2B customers and overseeing building and infrastructure projects across diverse regions in India
- Currently serving as the Assistant Vice President – Material Quality at M3M India Private Limited, heading Ready Mix Concrete, Quality Assurance, Material Optimization for group's 21 real estate projects.
- Served as the National Technical Services Head at Captain Steel India Limited, built and managed one of the largest Technical Support (Business Development) Team spread across 8 states, established Specifications and Empanelment Department, headed Institutional Sales for TMT business.
- Served as the National Head Concrete Technology for KAM and Value Added Products at Dalmia Cement Bharat Limited, responsible for driving the convergence and sales of blended cement and special products through Concrete Trials and managing the B2B sales funnel for key account projects
- Served as Technical Head for N S Arcus, responsible for heading Technical and Operations of 14 RMC Plants, mix and cost optimization, catering B2B customers, large team management.
- Demonstrated exceptional leadership skills through accurate and sustainable project design, exceeding client expectations, and fostering a high-performing team environment
- Successfully established "Dalmia Infragreen," the first high-performance patented cement in India, for airport projects with early flexural strength requirements, resulting in improved project efficiency and durability
- Collaborated with government bodies and ensured compliance with regulations and standards, minimizing project delays and legal issues
- Conducted quality audits and maintained ISO compliance for construction materials and processes, ensuring consistent quality and customer satisfaction

## Key Achievements

- Honorary Doctorate in Civil Engineering from Frankford International University
- Indian Concrete Institute Award of Outstanding Young Concrete Engineer Western U.P. for the Year 2013
- Appreciation Certificate for the Most Consistent Performance from CEO, Dalmia Cement Bharat Ltd.
- Certificate of Appreciation for presenting Concrete Technology showcase and Seminar on High Performance Concrete organized by Indian Institute of Professional Civil Engineers
- Award of Honor by G.B. Pant Polytechnic
- Certificate of Appreciation for Concrete Technology showcase at Sharda University, Greater Noida
- Showcased in Monthly Digital Magazine "Dalmia Sampark" for efforts made in Winning AAI Orders
- Single-handedly obtained QCI-RMC Capability certification from Bureau Veritas and BIS for all Ready Mix Plants, making it the first QCI-certified RMC Plant in Gurgaon
- Independently achieved NABL accreditation for the Ready-Mix Concrete Plant Laboratory, making it the first RMC Plant Lab in India to have national accreditation
- **Designed and executed various value-added concrete products, including Ultra High- Performance Concrete, Self-Compacted Concrete, Lightweight Concrete, High Early Strength Concrete, Decorative Concrete, and Dry Premix Concrete, meeting diverse project requirements**
- **Conducted numerous non-destructive testing of RCC structures, ensuring quality and structural integrity**

## Contact

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## Core Competencies

Concrete Technology

Quality Assurance and Quality Control

Technical Support

Supplier Performance Management

Strategic Project Management

Rejection Analysis and Control

Team Management and Leadership

Vendor and Supplier Management

Product Inclusion and Functional Specification

Business Development

Sales Pipeline / Sales Enablement

Compliance Management

Building Materials Testing

Construction Materials Procurement

Construction Site Management

Quality Audit and ISO Compliance

Government Regulations and Standards

Concrete Mix Design Optimization

Cost-Effective Construction Techniques

Precast Panel Design and Implementation

Team Building & Leadership

- **Contributed as part of the lecture group for CPWD Regional Training Institute, New Delhi & Ghaziabad, and participated in events organized by the Indian Concrete Institute and Indian Institute of Professional Civil Engineers**
- **Designed and Executed Ultra High Performance Fiber Reinforced Concrete (UHPC) of M-150 Grade with Blended Cement**
- **Designed and Executed High Early Strength Flowable Concrete using SCM in low ambient temperature**
- **Successfully converted large infrastructure projects of Railway Sleeper/ Railway Tunnel/ National Highway/ BRO and NHPC to Blended Cement from OPC through mix design optimization**

## Body Membership

- Member of IRC
- Life member of Indian Concrete Institute
- Life time and committee member of Indian Institute of Professional Civil Engineers
- Executive Committee Member of Concrete Engineers Association
- Life time and Committee member of CEH Recimart
- Ex Fellow Member of Research Team working for A-PREP (Ahlcon Pavement Rehabilitation and Evolution Program)

## Education & Certifications

- B. Tech. in Civil Engineering in the year 2022 from Kalinga University, Raipur (CG).
- Diploma in Civil Engineering in the year 2003 from G.B. Pant Polytechnic, BTE, Delhi.
- **Bureau of Indian Standards** ISO/IEC -17025:2005 Internal Auditor for Laboratory Quality Management (NABL)
- Laboratory Quality Management System as per NABL/ ISO: 17025 from **National Council for Cement and Building Materials (Ballabhgarh)**
- Certified for Health Monitoring and Repair Rehabilitation of RCC Structures from **National Institute of Technical Teacher's Training and Standardization**, Chandigarh
- Enrolled **Professor of Practice (Volunteer)**, **University Grant Commission**, Government of India

## Professional Experience

**M3M India Limited, Gurgaon**  
**AVP- Material Quality | September 2024 – Present**

**Captain Steel India Limited**  
**National Technical Services Head | March 2024 – August 2024**

**Dalmia Cement Bharat Limited, New Delhi**  
**National Concrete Expert | February 2020 – March 2024**

**NS Group, New Delhi**  
**Head - QA/QC & Technical | October 2012 - January 2020**

**Ahluwalia Contracts India Limited, New Delhi**  
**AGM QA/QC | April 2003 - September 2012**

## Personal Details

Name : Ramanjeet Singh Walia  
 Father's Name : Late Kuljeet Singh Walia  
 Date of Birth : 16 - 10 - 1981

## Skill set

## Motivator

Communicator

## Change Agent

Collaborator

## Analytical

## Leader