

VIPAN KUMAR

Sr. Civil Supervisor

Pathankot Panjab | +91 8146070884 | svipan057@gmail.com

<https://www.linkedin.com/in/vipan-kumar-5101a6317>

PROFESSIONAL SUMMARY

Results-driven **Civil and Precast Production Specialist** with **20+ years of experience** managing large-scale infrastructure, viaduct, and metro projects across the Middle East and India. Expertise in **precast casting, post-tensioning, bridge & highway construction, and Water Transmission Pipe Line**, delivering **high-quality structural components with 100% compliance** to QA/QC and HSE standards. Proven track record in **optimising workflows, reducing material waste by up to 15%, and improving project efficiency by 15–20%**, while leading teams of **50+ skilled professionals**. Recognised for **exemplary safety leadership**, including the **NEOM Safety Excellence Award**, and adept at coordinating with engineers, consultants, and contractors to meet **tight schedules and complex project requirements**.

PROFESSIONAL SKILLS

Technical & Engineering Skills: Precast Production & Casting Yard Operations, Post-Tensioning & Strand Stressing, DBO Pipeline Construction & Water Transmission Infrastructure, Viaduct, Bridge, and Highway Construction, Reinforcement Detailing & BBS Optimization, Concrete Casting, Curing, and Quality Control, Structural Component Fabrication & Installation, MSE Panels, Retaining Walls, and Foundation Works, Formwork, Shuttering, and Deck Slab Construction, Construction Planning, Scheduling & Workflow Optimization, **Project Management & Leadership:** Team Leadership (50+ staff) & Resource Management, QA/QC Compliance & Inspection Coordination, Safety Management & HSE Leadership, Material Utilisation Optimisation & Waste Reduction (up to 15%), Project Progress Reporting & Documentation, Client & Consultant Coordination, **Software & Tools:** Method Statements & Risk Assessment, MS Project, MS Excel (BBS, Reporting, Material Management), DPR (Daily Progress Report Record)

PROFESSIONAL EXPERIENCE

Production Supervisor

EL-Seif Engineering Contracting Company, NEOM, Saudi Arabia |

08/2023 – 12/2025

Project: NEOM Water Transmission Pipeline – Design & Build DBO Precast Facilities

- Managed **precast manufacturing operations** with **98% dimensional accuracy** and **100% on-time delivery**.
- Led **50+ staff**, optimizing manpower, machinery, and equipment for maximum efficiency.
- Achieved **zero lost-time incidents**, earning the NEOM Safety Excellence Award for HSE leadership.

Precast Production Supervisor

Larsen & Toubro Ltd, Dhubri, India |

09/2021 – 06/2023

Project: Dhubri-Phulbari Brahmaputra River Bridge (INR 3,165 Cr, 19 km)

- Supervised casting of **box segments** with **100% first-pass approval** and zero rework.
- Optimized material usage, reducing waste by **15%** through precise BBS planning.
- Delivered all precast segments **on schedule**, supporting uninterrupted bridge construction.

Senior Foreman (Casting Yard Operations)

Apco Infratech Pvt. Ltd., Ghaziabad, India |

05/2020 – 08/2021

Project: Delhi-Meerut RRTS Metro (INR 605 Cr)

- Directed **casting yard operations** achieving **95% output accuracy** across segments and parapet walls.
- Reduced concrete and formwork waste by **12%** via optimized BBS and workflow.
- Maintained **100% QA/QC compliance**, ensuring zero non-conformities.

Civil Works Supervisor

Al Balagh Trading & Contracting Co. WLL, Doha, Qatar |

03/2019 – 04/2020

Project: Qatar Academy Expansion – QAR 288 Million

- Directed **cast-in-situ manholes, underground pipelines, and See Building, utility networks**, achieving **97% schedule adherence** with zero rework.

- Supervised **concrete casting, reinforcement, and foundation works** for small-scale building and site structures, ensuring **full compliance with QA/QC standards**.
- Coordinated teams for **site preparation, material handling, and workflow optimization**, increasing site productivity by **20%** while maintaining strict **HSE compliance**.

Site Supervisor (Viaduct Construction)

Rizzani de Eccher SpA, Dubai, UAE |

05/2018 – 02/2019

Project: Dubai Metro Red Line Extension (USD 115.77 Million)

- Supervised **11.19 km viaduct erection** with **100% alignment accuracy** and zero safety incidents.
- Achieved **99% dimensional precision** in segment installation and post-tensioning.
- Maintained detailed **erection logs, stressing reports, and inspection records**.

Site Supervisor

Afcons Infrastructure Middle East, Dubai, UAE |

02/2017 – 04/2018

Project: Al Awir Road & Bridge

- Oversaw **formwork, Post-Tensioning box slab, Casting and tendon stressing** with **100% QA/QC compliance**.
- Maintained **zero safety violations** while directing concrete and temporary works.
- Improved inspection traceability and project documentation, ensuring timely approvals.

Precast Yard Supervisor

Afcons Infrastructure Ltd, Delhi, India |

01/2014 – 10/2016

Project: Delhi Metro Line 8 (INR 370 Cr)

- Delivered **98% on-time production** of precast metro segments (I-girders/RCC).
- Controlled material costs, achieving **10% savings** through optimized workflow.
- Maintained **100% safety compliance** during yard operations and lifting.

Supervisor – Viaduct Construction

Afcons Infrastructure Ltd, Jammu & Kashmir, India |

07/2012 – 12/2013

Project: Jammu-Udhampur Highway (INR 1,800 Cr)

- Managed **retaining walls, MSE panels, and foundations** with **99% geometric accuracy**.
- Reduced construction delays by **20%** via proactive coordination and planning.
- Maintained **100% QA/QC and safety compliance** across all structures.

Foreman – Casting Yard

C&C Construction Ltd, Punjab, India |

10/2010 – 04/2012

Project: Zirakpur-Parwanoo Road & Bridge (NH-5)

- Supervised **PSC girder and MSE panel production** with **98% dimensional precision**.
- Increased productivity by **15%** via workflow optimization.
- Maintained a **zero-incident safety record** throughout project execution.

Structure Supervisor

SP Singla Construction Pvt. Ltd., Punjab, India |

02/2004 – 06/2010

Projects: Sutlej River Bridge & Both Railway (ROB) Infrastructure Bridges

- Supervised **PSC I-girders, RCC beams, and deck slab casting** for bridges and overpasses, ensuring **99% dimensional accuracy** and structural integrity.
- Oversaw **formwork inspection, concrete curing, and reinforcement placement**, maintaining **100% compliance with QA/QC and safety standards**.
- Coordinated **workforce, equipment, and material logistics**, achieving **on-time project delivery** while preventing safety incidents.

EDUCATION

Diploma in Civil Engineering - Delhi Institute of Engineering Studies, New Delhi, India (2017)

Higher Secondary Education - The Punjab School Education Board (PSEB) (2003)

Language : English, Hindi

CERTIFICATION

- **First Aid & CPR Certification** – Emergency Response Preparedness
- **Confined Space Safety & Working at Heights** – Safe Operations Compliance
- **Lifting Supervisor Training** – Heavy Equipment & Rigging Safety
- **NEOM HSE Safety Standards Certification** – Health, Safety & Environment Excellence
- **Permit-to-Work Systems & Risk Assessment Training** – Hazard Identification & Risk Mitigation