

# KHELAN PATEL

QA/QC TECHNICIAN - NCR & CSA A23.3 Compliance, Project Coordination & Field Inspection

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## SKILLS

- **Structural Inspection & Field Engineering:** Reinforced Concrete Inspection, Level Checks & Assessment.
- **QA/QC & Compliance Management:** NCR Documentation, RFI and Drawing & Specification Review.
- **Construction Monitoring & Reporting:** Field Inspection Reporting, Quantity Verification & Tracking.
- **Technical Tools:** AutoCAD, Revit, STAAD Pro V8i, MS Excel (Advanced), MS Project, OSHA Standards.
- **Quality Control & Site Control:** Contractor Coordination, Construction Support, Site Safety Audits.

## WORK EXPERIENCE

### HVDC Team Associate

Walmart Logistics

April 2025 - Present

Cornwall, ON

- Ensured 100% compliance with safety protocols in high-volume regulated distribution operations across all shifts.
- Conducted equipment inspections pre-shift, decreasing handling discrepancies by 18% and preventing risks.
- Processed 1200+ merchandise units per shift, sustaining 98% inventory accuracy and timely replenishment cycles.

### Stock Unloader Associate

Walmart

January 2024 - April 2025

Windsor, ON

- Led 6-member shift team during absences, boosting workflow coordination and improving output efficiency.
- Coordinated stock placement logistics, improving merchandise turnaround time by 20% and shelf availability.
- Inspected inbound products for damages, reducing shrinkage incidents by 15% through consistent quality checks.
- Implemented labeling systems in backroom areas, enhancing retrieval efficiency by 25% across departments.

### QA/QC Technician (Structural Works)

Ramya Projects LLP

June 2022 - July 2023

Ahmedabad, India

- Inspected 15+ RCC structures, ensuring 98% compliance with drawings and structural technical standards.
- Verified reinforcement placement, formwork, and concrete works across site elements, reducing rework rates by 22% through strict QA checks.
- Generated NCRs and expedited closures, accelerating corrective actions by 30% across project phases.
- Reviewed test certificates for 500+ tons of materials, preventing non-compliant usage and quality risks.

### Field Engineer

Rajyash Procon LLP

August 2021 - May 2022

Ahmedabad, India

- Executed layout verifications for 10+ RCC buildings, maintaining  $\pm 5$ mm tolerance and structural precision.
- Inspected 120+ concrete pours pre and post placement, lowering repair costs by 15% through early detection.
- Resolved 40+ structural RFIs via consultant coordination, preventing construction delays and rework risks.
- Implemented site quality controls, improving inspection approvals by 20% and compliance rates to 98%.

## PROJECTS

### Shear Wall Optimization - G+7 Residential Structure

- Modeled a complete G+7 reinforced concrete building in STAAD Pro V8i, including shear wall integration.
- Applied dead, live, wind, and seismic load combinations per IS code provisions and evaluated 25+ load cases.
- Generated 8+ structural calculation reports and design recommendations, improving load distribution efficiency.

## EDUCATION

### Master of Engineering in Civil Engineering

University of Windsor, Windsor, Ontario

September 2023 – January 2025

### Bachelor of Civil Engineering

Gujarat Technological University, Ahmedabad, India

June 2018 – May 2022

## CERTIFICATIONS & ACCOMPLISHMENTS

- **Revit Certification - Khodiyar CAD Center** April 2023
- **AutoCAD Certification - Khodiyar CAD Center** January 2023
- **Vice President, Civil Department - GSS, University of Windsor**
- **Team Lead (Acting), Walmart Distribution Centre - Shining Star Award** for operational excellence.