

The Quality Control Technician is responsible for ensuring all precast concrete products meet Company standards, ACI and NPCA requirements, project requirements and customer expectations. This role requires a strong ability to read, interpret, and apply construction drawings, reinforcement details, and tolerances while verifying product quality throughout production and prior to shipment.

**Key Responsibilities:**

- **Daily Inspections and Testing**
  - Perform pre-pour and post-pour inspections of forms, rebar, embeds and finished concrete products.
  - Verify wet concrete testing for slump, air content, unit weight, and strength per ACI standards.
  - Conduct raw material testing as required
  - Interpret and review shop drawings, structural drawings, specifications, and project details to ensure accurate production of precast concrete elements.
- **Documentation and Reporting.**
  - Accurately complete QC reports, inspections sheets, test records, and non-conformance reports.
  - Maintain proper documentation for NPCA audits.
  - Communicate quality issues to production supervisors and recommend correction actions.
  - Evaluate, document, and inspect all necessary concrete repairs. Report causes of defect and provide root cause analysis.
  - Perform spot checks of final inspections of products, loading and tie-down procedures.
- **Production Support**
  - Work directly with production teams to resolve quality issues.
  - Perform and document spot-checks of concrete transport regarding placement, consolidation and finishing.
  - Monitor curing and stripping procedures to ensure quality and safe handling.
- **Compliance and Standards**
  - Follow all State DOT Standards and Specifications, ACI and ASTM Standards and NPCA procedures and specifications.
  - Interact with State Highway, Department of Transportation personnel, and any visiting inspection agencies to ensure proper procedures are followed.
  - Participate in Safety and Quality meetings.
  - Obtain any technical certifications required or directed by Quality Control Manager, ensuring these certifications are current in the areas of ACI, NPCA, and DOT requirements.
  - Verify compliance with project tolerances, PCI, ACI, ASTM standards, and customer requirements.

### **Minimum Qualifications:**

- General:
  - High school diploma or GED required.
  - Experience in the construction or concrete industry, preferred.
  - NPCA PQS Level 1 certification (or willingness to obtain).
  - Ability to achieve the American Concrete Institute Field Technician Level 1 Certification within one year of hire.
- Communications Skills:
  - Ability to communicate effectively with team members and management.

### **Physical Requirements:**

- Required to stand, walk, stoop, crouch, kneel, bend, climb or sit for extended periods of time, and a minimum of a full 8-hour shift.
- Ability to climb in and around concrete structures.
- Ability to lift 50 lbs.

### **Working Environment:**

- Work is performed in a moderate noise level atmosphere working near moving mechanical parts.
- Work is performed on a concrete floor subject to ambient temperatures, at time can be subjected to adverse weather conditions.

### **Company Benefits:**

- Paid Time Off: vacation time & sick pay
- Paid Holidays
- 401(k) Retirement Savings Plan & Profit-Sharing program
- Medical, Dental, & Vision Insurance options with single & family coverage.
- Short-term and Long-term Disability
- Life Insurance