Precast and prestressed concrete products have become an integral part of today’s construction industry. The quality, durability, and safety of these products are ensured by rigorous quality assurance inspections and test practices and procedures. TRC’s fabrication inspection staff diligently tracks the ever changing requirement through continuous involvement in professional societies and active participation in certification programs. TRC additionally provides comprehensive in-house training and rigid QA protocols to ensure that our inspectors maintain their achieved competencies. TRC Plant Inspectors typically represent our clients in a technical support role, whereby we are responsible for performing a host of tasks that include, but are not limited to:

- Ensuring adherence to approved plant QA/QC programs
- Observing that production methods adhere to applicable standards and specifications
- Verifying that appropriate materials sampling and testing is performed by plant personnel
- Recommending acceptance/rejection of products that deviate from specification
- Verify appropriate certification of materials to be used
- Aggregate and concrete testing
- Ensuring the proper calibration of equipment
- Witness/monitor testing of cylinders
- Inspecting product storage and shipping procedures
- Verify tension calculations and monitoring
- Pre-fabrication inspection of forms, rebar, cable and inserts to plan specifications
- Post-fabrication inspections for dimensional assurances, chamber measurements and skew verification
Why TRC?

- Staff expertise is validated through such respected national accreditation programs as those offered by the Precast / Prestressed Concrete Institute (PCI), American Concrete Institute (ACI), and National Precast Certification Association (NPCA).
- In-house training and rigid QA protocols ensure that our Inspectors maintain their achieved competency.