

INSPECTION

In combination with its laboratory testing capabilities, CRT offers qualified and certified Field Inspection of structural materials for a complete Quality Assurance Program as required on Civil and Structural Engineering phases of construction. Field inspection Services provided by CRT include the following:

CONCRETE

- Sampling and Field Testing of Materials: Special Inspections
- Placement: Concrete, Reinforcement and Welding
- Batch Plant Facilities and Concrete Batching
- Pre & Post-Tensioning Tendon Testing
- Gunite Material Metering and Placement
- Proof Load Testing of insert Dowels or Anchor Bolts

MASONRY

- Sampling and Field Testing of Materials
- On-site Batching of Mortar and Grout
- Reinforcement Placement and Welding
- Masonry Placement Procedures
- Batch Plant Facilities and Grout Batching
- Core Drilling Samples

STRUCTURAL & MISCELLANEOUS STEEL

- Sampling and Tagging or Marking Tested Material
- Shop Fabrication and Welding (Visual & NDT)
- Field Erection and Assembly
- Field Welding (Visual & NDT) & Bolting

LIGHT GAGE METAL

- Sampling and Tagging tested material
- Field Welding and Fasteners or Studs
- Proof Load Testing of Connections

GLUED LAMINATED TIMBER

- Verification of Manufacturer's Materials and Quality Control Procedures
- Lumber Quality, and End Jointing
- Lay-up Combination and Face Bonding
- Finish Fabrication, Appearance and Coating
- OSA Required Inspections

OTHER WOOD PRODUCTS/Q.C. PROGRAM

- Sampling for lab Tests
- Verification of Quality Standards Conformance
- Installation and Fastener Conformance
- Adhesive Certification
- Panel Testing & Certification
- Tension Testing Finger Joints.

SOILS TESTING & INSPECTION

- Texture Analysis
- Bulk Density
- Compaction Testing
- Moisture Density Curve