

**DEPARTMENT OVERVIEW**

SALEM Engineering Group, Inc.'s, (SALEM's) professional and technical staff has extensive experience in the Materials Testing, Special Inspections, Construction & Project Management, and Engineering Services for a wide variety of development projects including schools, hospitals, airports, highways, roadways, wastewater treatment facilities, infrastructure improvements, commercial, residential, and industrial projects.

**LAB CERTIFICATION**

Our in-house laboratories are managed under the direct supervision of a State Registered Civil Engineer. SALEM maintains an internal Quality Assurance Program (QAP) which outlines the required Quality Control and Quality Assurance practices for our firm.

**OUR PROFESSIONAL & TECHNICAL STAFF**

SALEM technicians and field inspectors are supervised directly by our staff of Professional Engineers, and possess a variety of qualifications and certifications. Our technical staff is made up of the following:

- ✓ DSA Certified Inspectors
- ✓ AWS Certified Welding Inspectors
- ✓ ACI Concrete Field Testing Technician
- ✓ ACI Concrete Strength Testing Technician
- ✓ ACI Aggregate Testing Technician
- ✓ ACI Concrete Laboratory Technician
- ✓ Nuclear Density/Moisture Gauge Operator
- ✓ Nuclear Gauge Radiation Safety Officer
- ✓ 40-Hour HAZWOPPER Training
- ✓ ACIA Registered Construction Inspector
- ✓ ICC Structural Steel & Welding Inspector
- ✓ ICC Spray-Applied Fire Proofing Inspector
- ✓ ICC Reinforced Masonry Inspector
- ✓ ICC Reinforced Concrete Inspector
- ✓ ICC Soils Special Inspector
- ✓ ICC Master of Special Inspections
- ✓ CA Dept. of Transportation Inspector
- ✓ ASNT Certified Inspector
- ✓ NICET Certified Inspector
- ✓ RCI Certified Roof Inspector

**INSPECTIONS & MATERIALS TESTING SERVICES**

The purpose of construction and materials testing is to confirm the proposed structure is constructed in accordance with the approved plans and specification, as well as the Geotechnical report prepared for the site. With local knowledge and available resources in mind, our materials testing engineers and field inspectors work directly with clients, developers and general contractors during the construction phase of the project, and respond quickly to ever-changing construction needs and schedules.

**EARTHWORK & SOILS**

- Engineered Fill Observations
- Soils Compaction Testing
- Subgrade and Aggregate Base Compaction
- Trench Backfill Compaction
- Driven Deep Foundation
- Cast-In-place Deep Foundation

**MATERIALS TESTING**

- Asphalt Laboratory Testing
- Concrete Compressive Testing
- Masonry, Mortar, & Grout Compressive Testing
- Concrete and/or Asphalt Mix Design Review
- High-Strength Bolting Testing
- Reinforcing Steel Testing

**SPECIAL INSPECTIONS**

- Epoxy & Anchor Bolt Inspection
- High-Strength Bolt Inspection
- Fire-Proofing Inspection
- Masonry Inspection
- Reinforced Concrete Inspection
- Post Tension Inspections
- Shear Wall Inspections
- Welding and Structural Steel Inspection
- Seismic Force-Resisting System Inspection

**OUR OFFICES**

SALEM currently has eight offices throughout Western and Central United States including California, Colorado, and Texas.

**CONTACT****US**

For more information regarding Special Inspections & Materials Testing, please contact our Engineering Services Manager, Mr. Joshua Rhodes, PE at (559) 271-9700.