

# **STEVEN J. MALOOF**

SGS TEC Services

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## **EDUCATION**

**Bachelor of Arts & Sciences – Georgia State University**

**30 Years' Experience in Concrete & Testing Industry**

## **CERTIFICATIONS**

American Concrete Institute Laboratory Technician Level I

American Concrete Institute Laboratory Technician Level II

American Concrete Institute Strength Testing Technician

American Concrete Institute Aggregate Testing Technician Level I

American Concrete Institute Aggregate Testing Technician Level II

American Concrete Institute Field Testing Technician

American Concrete Institute Self-Consolidating Concrete Testing Technician

American Concrete Institute/Masonry Technician

## **PROFESSIONAL AFFILIATIONS**

Member of the American Society for Testing and Materials (ASTM)

Member of American Concrete Institute (ACI)

Past President of Georgia Chapter ACI – 2011

Certification Trainer for ACI – Field Technician, Aggregate I, Aggregate II, Lab I & Lab II

### **ACI Committees**

Committee 211 - Proportioning Concrete Mixtures

Committee 211(Sub) – Aggregate Packing Modeling

Committee 211-(Sub Committee Chair) - Appendix 3 - Laboratory Test

Committee 212 – Chemical Admixtures

Committee Chair - Committee 213 - Lightweight Aggregate and Concrete

## **PROFESSIONAL EXPERIENCE**

**SGS TEC Services – Lawrenceville, GA                      2009-Present**

Laboratory Principal

Perform concrete mix designs, physical and analytical testing of concrete, cement, aggregates, pozzolans, admixtures, and other construction materials in accordance with the required ICC-ES, ASTM and AASHTO guidelines. Manages and trains technicians in the laboratory and field-testing. Responsibilities include, developing, maintaining client relations, marketing, managing multiple high-profile projects, and cost estimates.

Supervise and manage field projects and create quality protocol for each project. Have worked with producers of ready-mix concrete, pre-cast concrete, and pre-stress concrete plants in order to help manage, evaluate, and optimize their mix designs on high profile projects. Optimize concrete mix designs studies

Create Mix Design Proportion Studies to optimize designs for job specifications including - Army Core of Engineers, FAA and job specifications for both concrete & ASR evaluations.

**Holcim US, Duluth, GA 2005 – 2009 *Technical Market Manager - Atlanta – W. GA***

Provide technical assistance throughout territory. Through concrete research and development promoted the use of cementitious materials such as Portland Cement, Blended Cement, Limestone Addition - 1157 cement, Ground Granulated Blast Furnace Slag, and Fly Ash.

Create cost and technical analysis programs to use with the sales region in order to help educate and promote different products.

Presented to Engineering/Architectural community to help promote the use of concrete and cementitious material

**Carolina Stalite Company 2002 - 2005 *Technical Representative* - Georgia, Florida, Alabama, Tennessee**

Designed low-density concrete for customer base that is utilized throughout the US. Implemented technical programs and trained quality control personnel about lightweight aggregate concrete. Implemented Lightweight self-consolidating concrete design for Prestressed Concrete Manufacturers.

Established and negotiated services with distribution terminals throughout the Southeast.

**Southeastern Pressure Grouting, Inc. 1997 - 2002 *Technical Manager / Marketing / Estimation Representative / Sales*- Georgia, Alabama, South Carolina, Tennessee**

Designed job specific corrective action plan for clients. Managed 12 crewmembers as Project Manager for various jobsites. Estimated and submitted proposals for projects.

Collaborated with engineering firms to ensure all procedures were successfully accomplished according to specifications

Won Outstanding Achievement Award from American Concrete Institute on numerous projects.

**Thomas Concrete of Georgia, Atlanta, GA**

***Quality Control Lab/Field Technician***

**Atlanta Testing & Engineering, Atlanta, GA**

**Concrete Testing Technician**