

WILLIAM COOPER

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Summary

- Project manager with ten years of experience in an industrial laboratory environment. Expertise in performing new product formulation and quality control evaluations to ensure national industry standards and guidelines are met. Interested in continuing to pursue a managerial career associated with research and development.

Education

Georgia Southern University - Statesboro, GA

Bachelor of Arts, Chemistry, Minor in Anthropology

2013

Work Experience and Accomplishments

Quality Assurance Analyst

2015 to 2018

Quikrete Technical Center – Lawrenceville, GA

Responsibilities:

- Testing a variety of current and new concrete product designs
- Completing test reports for Quality Assurance
- Cleaning and maintenance of laboratory equipment
- Following proper safety procedures and completing safety reports
- Experience using a wide range of machinery and tools associated with the concrete industry
- Conducted demonstrations of products for sales and marketing representatives

Product Development Senior Technician

2018 to 2020

Quikrete Technical Center – Lawrenceville, GA

Responsibilities:

- Training new technicians
- Leader of specialized formulation project – Removing efflorescence from dry cast concrete
- Designed and fabricated devices to facilitate testing of dry cast concrete
- New design optimizations of current DOT and Commercial grade product lines
- Assisted on Ultra High-Performance Cement project for Georgia Institute of Technology
- Aided on reformulation of Pumpable Base Coat Stucco and Commercial Grade Non-Shrink Grout
- Projects involved traveling to oversee production runs at a plant level and testing materials on site that were produced

Bagged Materials Lab Project Manager

2020 to Present

SGS TEC Services – Lawrenceville, GA

- Manager of a laboratory and technicians
- Manager of an internal quality control program for a concrete producer
- Testing ASTM Standards that pertain to bagged concrete products
- Established use of Microsoft Excel, Word, PowerPoint and Access
- Creating data tables and performing calculations for data sets
- Writing test reports for evaluation of a variety of concrete products
- Creating formulations for new products
- Concrete mix design and admixture testing
- Maintenance of laboratory equipment
- Board member for International Concrete Repair Institute
- Member of American Concrete Institute
- Proctor for American Concrete Institute Certifications

Licenses and certifications:

- ACI certification for Aggregate Technician Level 1
- ACI certification for Strength Technician Level 1
- ACI certification for Field Technician Level 1
- Proctor for ACI certification for Field Technician Level 1