

## Education:

### **Georgia College and State University May 2015**

Master of Business Administration

Georgia Web MBA program

### **Georgia Institute of Technology August 2011**

Major: BS Chemical and Biomolecular Engineering

## Professional Training and Certifications:

- ISO 9001:2015 Lead Auditor
- Lean Six Sigma Green Belt
- 5S Concepts
- TPM Concepts

## Work Experience:

### **Eastman Kodak Company**

#### **Process Engineer: June 2021 – Present**

- Responsible for day to day chemical production process
- Lead technical process and quality improvement project
- Coordinate qualification trials for new products and new operating conditions
- Technical troubleshooting and engineering support for maintenance activities
- Process line output and yield presentations.
- Process logic optimization

### **Jindal Films America LLC.**

#### **Quality Engineer: September 2020 – June 2021**

- Technical product and process quality management
- Identify, prioritize, and lead continuous improvement projects
- Claims management including investigation and customer communication
- Technical resource for claims and training departments

### **CARBO Ceramics INC.: January 2012 – September 2020**

#### **Quality Manager: Jan 2016 – September 2020**

- Manage a team of 10 quality control and R&D technicians.
- QC, QA, and R&D budgeting
- Manage plant level product development and improvement
- Provide engineering, process control, and product development support.
- Lead and managed the successful transition to ISO 9001:2015 standard.
- Ensure conformance to ISO 9001:2015 standard, including training and audits.
- Monitor and approve raw material testing.
- Schedule test sequence for finished goods.
- Product specification development for experimental and final products.
- Investigate quality control issues, process control issues, and customer complaints.
- Analyze quality control data, quality assurance data, and key performance indicators
- Manage the collection, testing, and reporting of waste water and storm water samples in compliance with ADEM NPDS permits.
- Developed software tools to streamline data collection, reporting, analysis, and retention.

**Plant Engineer June 2015 – Jan 2016**

- Engineering support for design, construction, and commissioning of a state-of-the-art proppant manufacturing plant.
- Manage commissioning efforts during the initial startup of the plant.
- Troubleshooting new, untested equipment and processes.
- Develop testing and data collection plan to establish SOP processing and quality parameters.

**Process Engineer Jan 2014 – Aug 2015****Associate Plant Engineer Jan 2012 – Jan 2014**

- Design and implement new production and quality improvement processes.
- Supervise contractor operations on site.
- Production, quality, and automation troubleshooting.
- Design and optimization of process control systems.
- Plant scale testing of new raw materials.
- Statistical analysis of production data for process modeling.
- Update and manage engineering drawings and technical equipment documentation
- Lead multi-year project developing new processes aimed at waste reduction.

**PQC International Contracted to Coca Cola August 2011-December 2011****Laboratory Intern**

- Synthesize lab and pilot scale batches of various beverage products.
- Conducted quantitative and qualitative tests vs. standard samples.
- Facilitated product taste tests.
- Warehouse inventory management for age degradation samples.

**Skills:**

- Internal Process and Quality Auditing
- ISO 9001:2015 QMS
- MS Office
- PLC Programming and Industrial Automation Control
- Process Design and Implementation
- Process Improvement
- SAP
- Root Cause Analysis
- ICP Spectroscopy
- Sedigraph PSA
- HTML, CSS, JavaScript
- GitHub
- VS Code

**Awards:****Eagle Scout Awarded: October 2005**

- Designed an outdoor amphitheater for Our House children's home in Columbus, Georgia, and, planned and supervised its construction.