



**"TREY" DANIELS PE**

Info@danielsengineering.com

CALL: (803) 566-0254

## CLIENT LIST

- Berenyi Inc.
- BMW
- Dominion Energy
- Duke Energy
- Southern Nuclear
- Georgia Power
- Santee Cooper
- Savannah River Site
- Industrial Turn Around Corporation (ITAC)
- Nucor
- Roberts Company
- Continental Tire
- Marion County
- National Beverage Services (NBS)
- Engineered Metals and Composites

# DANIELS ENGINEERING SERVICES

## LICENSES

### **Professional Engineer**

South Carolina LLR  
License 32874

### **LEED AP, BD+C**

Green Building Certification Institute  
License 11017058-AP-BD+C

### **NERC Operator - Reliability Coordinator**

North American Electric Reliability Council  
License RC201804050

### **Commercial Contractor - NASCLA**

South Carolina LLR  
License G120112

### **Commercial Electrician**

South Carolina LLR  
License M1010248

### **Lightning Protection Contractor**

South Carolina LLR  
License M1010248

### **Public Electrical Utility Contractor**

South Carolina LLR  
License G120112

### **Lean Six Sigma Green Belt**

University of South Carolina

**General Radiotelephone Operator License +  
RADAR**

### **Federal Communication Commission**

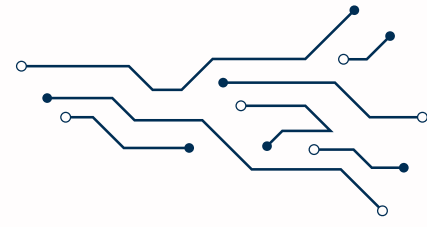
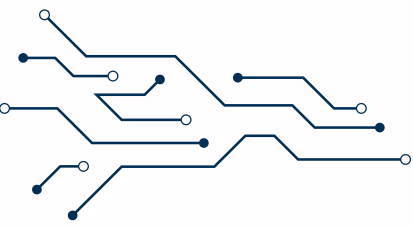
License PG00044877

### **Amateur Radio License - Extra Class**

Federal Communication Commission  
License KK4AIC

### **Asbestos Consultant/Inspection**

SC DHEC  
License BI-01570



# WE SERVICE

South Carolina, North Carolina & Georgia

## STUDIES, TESTING & ANALYSIS

Breaker & Switchgear Testing  
NFPA 70E Evaluations  
Arc Flash Studies  
Touch & Step Potential Potential  
Grounding Analysis  
Lightning Strike Study  
Lightning System Annual Report  
Lightning System Analysis  
Lightning System Design  
NFPA 780 inspections of lightning systems  
Stray Voltage Studies  
Ground Fault Testing  
Power Quality  
Stationary Battery Testing  
Resistance Testing  
Specific Gravity Testing  
Capacity/Discharge Testing  
DC Highpot  
VLF Highpot  
Tan Delta  
Partial Discharge  
Megger Test (Low Voltage)  
Ductor Test (Terminations)  
Motor Testing & Alignment  
Motor Surge Test (detects turn to turn shorts)

Vibration Analysis (bearings, balance, alignment, etc)  
Laser Alignment  
Winding Impedance Sweep Frequency  
Insulation Resistance

## DESIGN SERVICES

Drafting & Printing  
Electronic & Product Design  
Document Calculation & Plan Reviews  
Lighting Design & Installation

## INSPECTION SERVICES

Forensic, Litigation & Insurance  
Thermal Imaging & Ultrasonic

## INDUSTRIES WE SERVE

Utility  
Industrial  
Green Energy & Design  
Commercial



## DUE-DILIGENCE EVALUATIONS

In today's world it is difficult to tie the technical with the financial. We bridge the gap between dollars and cents of the financial, accounting, and real-estate worlds with the engineering and construction sector. We offer consulting services that assess:

- Commercial Real-estate Evaluations
- Manufacturing Assessments
- Infrastructure Upgrades
- Utility Cost Allocation Studies
- Overall Equipment Effectiveness
- Six Sigma Analysis
- Cash Flow Analysis
- Cost Benefit Analysis
- Calculation of Break Even and Pay Back Period
- R&D Justification and First of a Kind Analysis

## CONSULTING SERVICES

Facilities with large electrical systems often need casual electrical engineering services to assist with such things as code analysis and compliance, component sizing, problem evaluation and project conceptualization. Often these issues can be addressed with just a few hours time by an experienced licensed electrical engineer. DES offers electrical engineering retainer services to SC industrial clients for a very reasonable fee. Engineering retainer services are similar to legal retainer services. The client pays a low monthly fee for professional electrical engineering consultation services up to a fixed amount of time. DES retainer services provide up to eight hours of engineering time per month for a fixed fee. This is often sufficient for most facilities to receive timely answer to complex technical issues. If your facility could benefit from as-needed access to professional electrical engineering consultations, contact DES for additional information regarding DES retainer services.