

## **RYAN BERNDT / P.E. , Senior Electrical Engineer**

Ryan Berndt has a diverse background in electrical engineering and has been performing industrial consulting for 8 years, most recently taking on senior roles in the consulting industry. Previous experience includes electrical engineering of multi-million dollar capital industrial projects along with strengths in power distribution and arc flash.

### **Education**

*BS in Electrical  
Engineering*

Clemson University, SC

*Project Responsibility:* Electrical engineering from concept to commissioning, design-build engineering, equipment specifying, and design team leader.

### **Registration**

*Registered Professional  
TN, SC, NC, + AL*

*Schematic system Design:* Electrical power distribution, voltage drop and Arc Flash, voltages up to 13.8Kv, building and site, lightning protection, grounding, generator and stand-by power, life safety, fire alarms, motor and control circuits, process controls, refrigeration controls and heat tracing.

## **RELEVANT EXPERIENCE**

### **Lenovo**

*Research Triangle, North Carolina*

120,000 square feet of research/lab space and 100,000 square feet of office space.

### **DAF Camiones Brazil Industria**

*Posta Grossa, Brazil*

300,000 square foot assembly plant and 60,000 square foot office space with cafeteria.

### **Confidential Client**

*Tobaccoville, North Carolina*

320,000 square foot with 120,000 square foot office/lab space.

### **SC Port Authority**

*Charleston, South Carolina*

40,000 square foot Cruise Terminal.

### **Bayer Crop Science**

*Mobile, Alabama*

4-story process building, 2 tank farm areas, refrigeration building.

### **Intercat- Savannah**

*Savannah, Georgia*

5-story process building, SCR structure, Calciner building, 4-story spray dryer.

### **Cambrex**

*Charles City, Iowa*

125,000 square foot active pharmaceutical ingredient pilot plant.