



## **Project Engineer Position**

### **Job Description:**

Work as part of an engineering team, based in Saginaw, Michigan, to provide mechanical engineering oriented services to support the various divisions of Banner-Day:

- Commercial Baking (Primary): understand and apply general mechanical machine design principles and apply their application to the troubleshooting and upgrade of large commercial bakery oven combustion and control systems.
- Pipe Heating (Secondary): understand and apply Banner-Day's TraceFREE™ electric impedance pipe heating technology to customer process piping systems.

### **Skill Requirements:**

- Understanding of industrial mechanical machine systems
- Understanding of industrial controls
- Read and understand wiring diagrams
- Project Management:
  - Maintain schedule and manage budget
  - Manage multiple fast moving projects simultaneously
  - Handle abrupt schedule changes and demands
- Must have "Hands On" capability and experience
- Strong written and verbal communications skills a must
  - Internal – Engineering, Production, Sales experience a plus
  - External – Customers, Vendors, Partners & Contractors
- Computer – AutoCAD, Microsoft Office

### **Education:**

- BS Degree (Preferred) – Mechanical (Preferred) or Electrical with 3 - 5 years minimum equivalent project work experience in process or manufacturing engineering.

### **Experience/Background:**

- Manufacturing Engineering
- Maintenance Engineering
- Project Management – Supervisor or Engineer

### **Job Duties:**

- Primary: Mechanical and combustion systems and troubleshooting of commercial bakery oven combustion and control systems. This will include:
  - Develop detailed mechanical and electrical scopes of work
  - Field commissioning of bakery systems projects, including customer training
- Secondary: Design impedance pipe heating systems, including:
  - Support proposal development
  - Electrical circuit layout of pipe heating systems
  - Sizing and specification of system components
  - Development of pipe layout isometrics
  - Field commissioning of pipe heating systems, including customer training

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### **Banner - Day**

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[www.banner-day.com](http://www.banner-day.com)



**Additional Job Duties:**

- Assemble bill of materials lists and write Purchase Order Requisitions
- Write and assemble job specific O&M manuals
- Travel nationally and internationally approximately 30% of the time
- Field Installation and Start-Up Supervision
- Prepare job quotes

**Other Expectations:**

- "Can Do" attitude
- Travel approximately 30% of the time, often on short notice due to customer requirements, including weekends and Holidays.
- Respond to and assist customers on phone
- Assist and follow through on assigned R & D projects
- Must be a team player
- Position is located in Saginaw, Michigan
- Support other divisions within the Company as needed

**Additional Attractive Skills:**

- Understanding of combustion systems a plus
- Understand process piping systems to design and apply electrical heating systems to customer specifications a plus
- Ability to apply various applicable codes and standards, such as: OSHA, NFPA-86, UL, NEC, etc. a plus
- Allen-Bradley PLC Software knowledge a plus

To apply for this position, send your resume with cover letter to: [humanresources@banner-day.com](mailto:humanresources@banner-day.com).