



Electrical Engineer/Designer – Induction Heating Equipment

Job title: Electrical Engineer/Designer

Date: 08-06-2007

Location: Rochester, NY

Company: Induction Atmospheres

Job Description:

We are an independent induction heating system integrator in Rochester, New York that supplies integrated systems worldwide. We are looking for an Electrical Engineer with controls systems design experience to join our team. As an Electrical Engineer/Designer the individual will be responsible for everything from controls design to final install at the customer's site. This includes electrical schematics, controls/interface programming, wiring, and communicating with both customers and vendors. Individual needs to be a motivated team player with excellent problem solving, communication, and interpersonal skills.

Responsibilities:

- Prepare electrical schematics, including panel layouts and bill of materials.
- Size equipment such as drives, relays, power supplies and contactors.
- Prepare data sheets, Order of Operation and other documentation on equipment.
- Obtain technical information from equipment suppliers.
- Participate in the development and design of induction heating components and systems.
- Recommend creative, technically feasible solutions that satisfy customer needs, while adhering to engineering standards and strategic direction.
- Evaluate state-of-the-art technological developments in various controls systems, and apply the latest advances.
- Apply engineering techniques in designing a control system that is reliable, serviceable, energy efficient and competitive.
- Interface with Sales, Mechanical, Machine Shop, Build, Service, personnel as well as a multi-tier supplier base.
- Work with in worldwide product regulation and compliance to design systems that meet both customer and government regulations, restrictions and codes.
- Strive for continuous improvement in both processes and products.

Requirements:

- Minimum Education Associates Electrical Engineering/Technology
- Strong troubleshooting and analytical problem solving skills; ideally some experience in technical consulting.
- Proficiency in working with AutoCAD.
- Proficient in Microsoft suite of products
- Willing to travel where required.

Desired Knowledge/Skills:

- Experience working with PLC from various manufactures such as Allen-Bradly, GEFanuc and others
- Education BS Electrical Engineering / Electrical Engineering Technology

- General understanding of industrial equipment operations.
- 1 years work experience in Electrical Engineering/Design of control systems preferred
- Excellent verbal and written communication skills.
- Personal computer office automation and presentation skills.
- Experience with documenting designs, using computer aided design systems, for electrical or mechanical, is strongly preferred.
- Fluency in English.
- Proficiency in any of the following: French, Italian, German, Japanese or Spanish is a plus.

Induction Atmospheres is able to offer employees a benefit package including medical, 401(k), and profit sharing. Qualified individuals please email resumes to jobs@inductionatmospheres.com for immediate consideration.