



Intelligent Water heaters

Product Engineer (job # 008)

Job Title: Product Engineer
Division/Department: Engineering
Location: Galesburg, IL
Reports to: VP Engineering
Type of Position: Full-time (40 hours/week)

GENERAL DESCRIPTION:

This position is responsible for all engineering activities related to product development, R&D, life cycle testing, field follow programs, and customer support.

JOB RESPONSIBILITIES:

- Carry out product development activities related to tankless water heater, boilers, or similar devices in the HVAC field
- Be knowledgeable in using all test equipment, data acquisition tools and standard test procedures
- Coordinate with other engineers/ contractors/design build firms incoming calls for product support
- Create piping diagram, size product, system layout, and other needs for customers
- Gather data from field installations and support product installation
- Assist with technical documentation and literature

WORK EXPERIENCE REQUIREMENTS:

- Three to five years' experience in R&D / product development
- Mechatronics experience necessary – mechanical systems, electronic control, logic and algorithms, combustion, fluid dynamics, robotics
- Hands on experience with cars, motorcycles, and good engine knowledge
- Demonstrated out-of-the box thinker and tinkerer

EDUCATION REQUIREMENTS:

- Bachelor of Science in Mechanical/Electrical / Electronics Engineering. MS desirable.
- Technical proficiency in gas combustion products

SKILLS AND ABILITIES:

- Strong interpersonal and communication skills.
- Ability to learn quickly
- Work requires willingness to work a flexible schedule
- Good organizational skills required.
- Ability to work in a high performance, fast-paced team environment.
- Proficient in computer skills (word, excel, PowerPoint)

TRAVEL:

Travel to customer sites (USA & abroad), suppliers will be necessary – 15 to 30%

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