

InfiniteCooling

Engineering Technician

Infinite Cooling's mission is simple: to mitigate water scarcity around the world. We help power plants and other industrial processes reduce their water consumption and water treatment costs by recovering water from their cooling tower exhaust. We have a patented technology developed at MIT that uses electric fields to capture water from the plumes leaving cooling towers. We are a vibrant startup based in Somerville, Massachusetts, and we are on a mission to be a global leader in the water services industry for industrial applications and save hundreds of billions of gallons a year. Infinite Cooling has won the MIT \$100K, MassChallenge, the DOE national Cleantech competition and numerous other awards. We are backed by leading investment funds and have received multiple government grants.

We are looking for a sharp, tenacious, and creative Engineering Technician to join our team and assist with the company's engineering and R&D work. Responsibilities will include prototyping, assembly and testing of various components of the product. Strong communication, flexibility, and the desire to "wear many hats" will all be essential skills for a successful applicant.

What you will do:

- Assist mechanical and electrical engineers in pre-production prototype builds
- Assist with diagnosis and root cause determination of issues
- Participate in the design of test equipment and fixtures
- Build setups using a variety of mechanical fabrication tools and electrical equipment
- Operate and administer tests with proper data acquisition
- Summarize all findings during installations and report to engineering team in clear and concise reports, presentations
- Occasionally assist with troubleshooting at customer sites
- Adopt and develop documentation of manufacturing methods, procedures, and test results for full scale production
- Manage lab organization: Keep all work areas clean and organized daily, manage parts inventory, etc.
- Assist with processing incoming and outgoing parts and materials
- Manage lab equipment (calibration, repairs, etc)
- Maintain workplace safety, specifically around high voltage electrical components

About you:

- You have unwavering personal integrity and work ethic
- You are proactive and productive – you complete tasks in a timely manner
- You are interested in working with your hands and building things
- You are adaptable and excel at working in a fast-paced dynamic environment

Qualifications:

- Associate's degree or BS in Electrical, Mechanical, Industrial Engineering or equivalent
- Minimum 5 years of hands-on experience working in a similar role
- Experience performing engineering testing and managing data acquisition

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- Proficiency with mechanical tools used in product prototyping and manufacturing (common hand tools, drills, presses, lathe, mill, laser cutting, 3D printing, soldering etc.)
- Experience with testing equipment (multimeter, various sensors)
- Experience working safely with electricity and wiring
- Ability to interpret Engineering design documentation (schematics, drawings, assembly instructions, etc.). CAD experience (Solidworks) is a plus.
- Good computer skills (general PC and network use; MS Office)
- Experience constructing, operating and debugging test fixtures
- Prior construction or manufacturing experience is a plus
- Excellent written and oral communication skills
- Strong attention to detail

Contact:

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