



Research and Development Project Engineer

Join the RD team at CTS Denmark and participate in the development piezoelectric materials and processing methods. Your role will be to participate/lead smaller internal projects and larger projects involving partners and customers from around the world.

At CTS Denmark we focus on developing the next generation piezoelectric materials including lead free materials, textured materials, materials that can be integrated in miniaturized devices etc.

Key Responsibilities:

- Manage and participate in material development projects.
- Plan and perform material development experiments.
- Synthesize materials at lab (100 g) and intermediate (10 kg) scale.
- Characterize piezo materials using SEM, XRD, impedance spectrum and other characterization methods.
- Analyze data and generate technical reports.

Additional tasks:

- Interact with partners and customers for technical discussions.
- Participate and present at conferences and professional meetings.
- Support other parts of the organization for trouble shooting, process optimization etc.
- Participate in the new product introduction process and manage specific introductions.

Qualifications/Requirements:

- A minimum of a BS degree in Ceramic Engineering, Materials Engineering, Materials Science, or related discipline. Prior work experience not required.
- Basic project management skills.
- Knowledge in ceramic manufacturing processes.
- Knowledge about devices based on piezoceramics.
- Knowledge about piezoceramic characterization.
- Computer skills to include familiarity with Excel and Word.
- Team building skills in a diverse group of people.
- Excellent communication, negotiation, and interpersonal skills in English.
- Be well-organized, detail-oriented, and have the ability to work on different projects at the same time.



What We Offer:

- Comprehensive benefits package, including health insurance and retirement plans.
- Flexible holiday options
- Several social events throughout the year
- Opportunities for professional development and career advancement.
- A collaborative and supportive work environment.
- Flexible working arrangements.

Further Information

We offer a unique workplace with a flat organizational structure. Freedom with responsibility with flexible working hours.

How to apply?

If you're passionate about piezoelectric materials and have a proven track record, we'd love to hear from you! Please submit your resume and a short cover letter marked "R&D Project Engineer" detailing your experience and why you're a great fit for this role to: dk.hr@ctscorp.com

If you have any questions about the position, please call R&D Director: Rasmus Lou-Møller

+45 49127100

Application Deadline: September 20th 2024

We process applications on an ongoing basis and call in candidates for interviews along the way.

About

At CTS Denmark, we manufacture a special type of ceramics with piezoelectric properties. There is, for example, a small piece of piezoelectric ceramic in the ultrasound devices used for scanning pregnant women. In addition, our components are found in various types of equipment from sonar to pacemakers. CTS Denmark A/S is part of CTS Corporation, which is a large American listed company with over 4,000 employees worldwide. CTS designs and manufactures electronic components, actuators, and sensors to OEMs in the automotive, communications, medical, defense and aerospace, industrial, and computer markets. The company manufactures products in North America, Europe, and Asia. Founded in 1896 as Chicago Telephone Supply, CTS is headquartered in Lisle, IL.

CTS Denmark A/S is located in Kvistgaard and currently employs 118 employees, who are all waiting to greet you. We hold a strong market position in manufacturing advanced piezoelectric components and integrated piezoelectric devices. At CTS we strive to create an inclusive and diverse environment, and we actively search for qualified candidates regardless of gender, gender identity, sexual orientation, ethnicity, religion, disability or age.