

9/17/08

## **Senior Crystal Growth Technician**

Radiation Monitoring Devices, Inc., in Watertown, MA, is a successful research company devoted to the development of new sensor, detector, and system technologies for commercial, medical and government use.

### **Job Responsibilities**

There is a current opening for a Senior Crystal Growth Technician. The person selected will be responsible for growing scintillation crystals and maintaining research facilities. Because RMD is a research company, the focus is on the development of new technologies. The job will require inventiveness and creativity to develop crystals for diverse applications.

- Routine handling of air-sensitive and/or hazardous materials inside and outside of a glove-box
- Sealing of quartz ampoules with an oxy-propane torch
- Sawing, polishing, packaging and routine characterization of crystals and assembled packages
- Bridgman and Czochralski crystal growth of scintillator and semiconductor materials
- Ball milling of powders and powder processing at room and high temperatures
- Maintaining inventory of quartz components, chemicals and general laboratory supplies
- Attending and contributing to weekly in-house technical symposia
- Keeping accurate records of research data

### **Our Requirements**

You must be detailed oriented and used to working on diverse projects and multiple projects simultaneously. In addition you should have the following background and experiences.

- AS, BS or MS plus 10 years experience, or equivalent in Chemistry, Materials Science, Physics or related field
- Experience working in a crystal growth research and development environment
- Experience with the assembly, preventative maintenance and operation of custom equipment and vacuum systems
- Strong mechanical and electrical skills.
- Skill with machine tools is beneficial
- Access to a vehicle is required for occasional pickup and delivery of research supplies from local vendors.

We offer competitive compensation. Benefits include medical insurance, tuition reimbursement, 401K plan, flexible hours, etc. RMD is an equal opportunity employer.