



## **Electro- Mechanical Robotics Technician Job Description**

### **Company Information**

RedZone Robotics, Inc. is a world leader in mobile robotic equipment design, development, manufacturing, and related services for cleaning, inspecting and rehabilitating pipes and tanks. RedZone was founded in 1987 as a spin-off from Carnegie Mellon University in order to meet the market demand for real-world field robotic systems. Over the past 20 years, RedZone has used its real world experience to create innovative and relevant robotic systems. RedZone's equipment was instrumental in the clean up of Chernobyl, Three Mile Island Nuclear Station, and nuclear waste storage tanks at Oak Ridge National Laboratory. Currently, RedZone is on the cutting edge of technology application to the potable water and wastewater industries.

If you are interested in a friendly, cooperative and exciting corporate environment where you will be continually challenged and opportunities abound, RedZone Robotics is the place for you! Learn more about us at [www.redzone.com](http://www.redzone.com).

### **Position Summary**

The robotics technician reports to the Shop Manager and is responsible for maintenance, troubleshooting and service of field deployed RedZone Responder robotic systems. This is a hands-on position that will require gaining familiarity with the design, construction, testing and operation of the Responder robot and support equipment. In addition to maintaining, and troubleshooting the robots, the technician will be required to assist engineers in the fabrication of test fixtures and prototypes. The technician will assist in inventory control, shipping and receiving. Travel is required and often on short notice.

### **Responsibilities**

- Primary responsibilities are to service and maintain the Responder robot and support equipment
- Fabricate test fixtures and prototypes using machine tools, welders and related equipment
- Shipping, receiving and inventory control
- Provide feedback for design, operation, and maintainability improvements
- Support engineering in execution of field upgrades

### **Requirements**

- Must have hands-on experience with electro-mechanical assembly and repair.
- Strong mechanical and electrical aptitude with the ability to read drawings and schematics for both
- Demonstrated ability in troubleshooting electrical and or mechanical systems
- Experience with machine tools and welders
- Experience in machine tool or robotic designs and equipment integration/ installation a plus
- Proficient with Microsoft Office Products (Excel, Word, Visio and Power Point) required.
- Comfortable with computers in general
- Excellent verbal and written communication skills
- Outgoing personality, who works well as both a leader and a member of a team.
- Self-starter, enthusiastic, team player, committed, hard working, honest and effective.
- Ability to travel 25- 50% of time
- Drivers license and good driving record required

### **Compensation**

- Competitive Salary commensurate to experience
- Benefits include health, dental & life insurances, 401k, and flexible work hours

### **Contact Information**

Send your resume and cover letter to the address below via mail, fax, or email.

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### **Effective Date**

July 30, 2008

**RedZone Robotics is an Equal Opportunity Employer.  
We Thank, Value and Acknowledge All Applicants.**