

Blacksburg Location
2001 Kraft Drive
Blacksburg, VA 24060



Radford Location
20 Corporate Drive
Radford, VA 24141

**Job Title: Equipment Maintenance Technician
(Effective: 04/23/2024)**

Company Overview

TECHLAB®, Inc. was founded in 1989 by scientists from the Virginia Tech Anaerobe Lab, one of the only three institutions in the world dedicated to the study of anaerobic organisms. In the late 1970's and early 1980's, research headed by Dr. Tracy Wilkins began on *Clostridium difficile* and its toxins.

Today the company is poised for high growth through private equity funding and develops, manufactures and distributes intestinal diagnostics worldwide retaining an emphasis on science and collaborations with universities. Products are focused in the areas of intestinal inflammation, antibiotic associated diarrhea and parasitology. Research continues on markers of intestinal inflammation, the toxins of *Clostridium difficile*, amebiasis and vaccine development. TECHLAB®, Inc. has ISO 13485 certification along with FDA registration. For more information, visit www.techlab.com.

Job Summary

The job of the Equipment Maintenance Technician is to diagnose and repair a variety of manufacturing, laboratory, and production related equipment. This position is considered Multi-Craft and requires work with different assemblies and documentation of maintenance activities. The Equipment Maintenance Technician will work primarily at the Radford, VA location, but will also provide support to the Blacksburg and Dublin, VA locations. This position will report directly to the Equipment Maintenance Manager.

Work Activities

- Occasional repair and troubleshooting of Allen Bradley PLC and Fanuc Robotic Systems.
- Observe functionality of all equipment. Troubleshoot and repair as needed.
- Strive to ensure high production efficiency rates.
- Source vendors, order necessary spare parts, and assist in tracking inventory of spare parts.
- Assist Techlab Facility Maintenance or occasionally perform building maintenance, as needed.
- Maintain PLC and HMI systems, frequency drives and automation electronics. Develop/Edit PLC programming as directed.
- Perform calibrations on scales, temperature and/or humidity devices, timers, small scale pumps, and other instrumentation.
- Monitor equipment for both the building and manufacturing.
- Assist with the design and installation of new equipment to ensure functionality.

- Perform lockout/tagout procedures as required.
- Perform Preventative Maintenance on equipment on a monthly, quarterly, semi-annual, and annual basis.
- Maintain production equipment performance.
- Perform basic mathematical skills.
- Perform wiring and wiring repair for equipment and facility, as needed, working with low voltage AC and DC.
- Document all maintenance activities performed on equipment.
- Wear appropriate personal protective equipment when required.
- Occasional travel for training on new equipment.
- Work with pneumatic, mechanical, and electrical assemblies.
- Check and replace liquid nitrogen tanks, when necessary.
- Perform non-conformity investigations (NCR) and Out of Specification reports (OOS)
- Submit purchase orders.
- On call rotation for after-hours Temperature, Humidity, and Equipment Status Status Alarms
- Perform or assist in the Validation of new equipment or the Revalidation of existing equipment.
- Assist in developing Validation Protocols and/or SOPs for equipment
- Review Standard Operating Procedures (SOPs) and submit Document Change Requests (DCR) as needed.
- Possible In-house machining and welding work.
- Report any equipment related issues to proper Management.
- Perform or assist in other areas as required.

Tools and Equipment Used

Microsoft Office Suite

Electrical Equipment

Power tools (Drill, saw, pallet jack, chop saw, band saw, Lathe, Vertical Mill, TIG Welder)

Hand tools (screwdriver, multi-meter, Micrometers and calipers,)

Rockwell RS Logix Software Suites

Job Context

TechLab maintains a climate-controlled environment for the job of Equipment Maintenance Technician. The Equipment Maintenance Technician can expect to work, occasionally, in cold or hot weather. An employee in this position must be able to lift up to 55lbs, with or without assistance. A typical workday is Monday through Friday 8:00 to 4:30 or 8:30 to 5:00. Overtime is occasionally necessary with or without advance notice.

Minimum Qualifications

Associates Degree in related field

OR

High School Diploma or equivalent + 3 years of relevant experience