



## Job Title: Metallurgical Lab Technician

Number of Hours per Week: 40

Mettech requires a Metallurgical Lab Technician to join our team.

Mettech manufactures advanced plasma thermal spray coating equipment and provides expert coating service, support and development to customers from a wide range of industries including aerospace, automotive, energy, printing, pulp & paper, mining, and metals & metal processing. Headquartered in Surrey, British Columbia, Northwest Mettech Corp. is a leader in developing thermal spray technology. Mettech is a pioneer in Axial Suspension Plasma Spray Technology with innovative liquid injection (suspension feeders) and surface engineered coating solutions

### What you will DO

- Conduct laboratory tests on coating samples (mounting, polishing, microscopic imaging, hardness testing, surface roughness and adhesion testing etc)
- Prepare test reports for use in house or by customers
- Test coating and powder materials to determine conformance to specifications of microstructures, mechanical and chemical properties
- Perform routine lab and equipment maintenance to keep area clean and orderly
- Operate plasma spray equipment for coating development, product testing
- Assist in production work, and other tasks as assigned
- Work both independently and as part of a small team
- Embrace the learning experience and be open to taking on new challenges

### What you will BRING

- Experience of industrial and laboratory test
- Attention to detail required to perform lab tests for quality control and assurance as well as research and development.
- Ability to operate thermal spray equipment such as plasma spraying for research and development
- Exceptional communications skills to follow written/verbal instructions accurately and point out potential problems in advance

Required skills:



- Experience of test equipment such as optical microscopes, cut off saws, grinders, sanders, polishers and mounting presses, hardness tester etc.
- Knowledge of methods and procedures for testing of microstructure, mechanical and chemical properties
- Read, understand and follow guidelines and instructions safely and accurately
- Familiar with the computer and good communication skills in English
- A good hands-on mechanical aptitude including the use of common hand and power tools, and other mechanical shop machines
- High attention to detail and accuracy

### **What's in it for YOU?**

- The Ability to make a difference and build something **extraordinary** with our team
- The chance to work with leaders who support your development through coaching and managing opportunities;
- Getting to work in a dynamic, collaborative, progressive, and high-performing team
- Opportunities to do challenging work
- Opportunities to be mentored by world leaders in developing thermal spray technology

**Note: No financial relocation assistance is available for this position.**

At Mettech, we don't just accept difference - we celebrate it, we support it, and we thrive on it for the benefit of our team, our products, and our community. Mettech is proud to be an equal opportunity workplace.

**Apply now**

**By emailing your cover letter and resume to**

**HR@mettech.com**