



## Lab Metallurgist

Titanium Metals Corporation (TIMET) is one of the largest producers of titanium alloys in the world. TIMET supplies titanium products to industries all over the world ranging from aircraft engines and airframe manufacturers to the chemical process and automotive sectors. We have an open position in the laboratory at our production facility located in Toronto, OH (an hour west of Pittsburgh, PA).

The Lab Metallurgist role at TIMET involves a variety of activities ranging from production/operational support to metallurgical support for development and continuous improvement activities. The Toronto laboratory performs metallography, mechanical testing, and gas analysis. Responsibilities include analysis of samples using microscopy and microanalysis, providing technical assistance with laboratory equipment, documenting procedures, training laboratory technicians, writing technical reports in support of customer complaint investigations, and knowledge of quality systems, standards, specifications, and practices.

TIMET is seeking a motivated individual with a strong background in physical metallurgy or materials science and engineering to further strengthen our team and support the technical development of the production laboratory. The position requires at minimum a Bachelor's degree in metallurgy/materials engineering. Preferred qualifications include the ability to operate an SEM and perform EDS analysis, knowledge of aerospace and industrial material and quality specifications, familiarity with laboratory and nondestructive testing methods. Two years experience in a metals processing industry is preferred. Titanium processing experience and knowledge of titanium metallurgy are desired.

Hands-on experience and sound knowledge in at least one of the following would be advantageous: failure analysis of non-ferrous metals, SEM microanalysis, mechanical behavior of metals, gas analysis, documentation of procedures, and/or oversight of laboratory practices relative to industry/customer requirements. Experience with non-destructive testing and/or quantitative microstructure characterization is a plus.

As a global organization, there are good prospects for travel and advancement either within the Quality organization or in our other manufacturing/research locations in the U.S. and Europe. We offer a competitive salary and benefits, as well as relocation assistance. Candidates must be U.S. Citizen or Permanent Resident.

TIMET is an Affirmative Action Employer, M/F/V/D

Send resume to: michael.sedlock@timet.com  
In subject line, reference: "Laboratory Engineer – MS&T 2012"

Stacey.Sharp-Rose1@timet.com



## Research Engineer, Sr. Research Engineer (Multiple Positions)

Titanium Metals Corporation (TIMET) is one of the largest producers of titanium alloys in the world. TIMET supplies titanium products to industries all over the world ranging from aircraft engines/airframe manufacturers to chemical process/automotive sectors. We have open positions in our research group at our Henderson Technical Laboratories located in Henderson, NV (adjacent to Las Vegas).

The R&D Engineer role at TIMET involves a wide variety of activities ranging from alloy development, heat treatment-structure-properties development, process development, process modeling and simulation and close interaction with customers and internal plant engineers to develop new products and applications. A strong multidisciplinary team, the majority with advanced degrees, and supported by our pilot manufacturing facility, creates a stimulating environment for development.

TIMET is seeking a motivated individual with a strong background in physical metallurgy/materials engineering with an interest in a career in R&D to further strengthen our team and support the development of growth opportunities in a range of markets.

The position requires at least a Bachelor's degree in metallurgy/materials engineering with a minimum of 2 years of experience in R&D. A Masters or Ph.D. in metallurgy/materials engineering is preferred. R&D experience in titanium and its alloys is desired. Hands-on experience and sound knowledge in at least one of the following would be advantageous: failure analysis of non-ferrous metals, mechanical behavior of metals, SEM microanalysis, texture measurement and analysis of hexagonal metals. Experiences of thermo-mechanical process modeling and/or microstructure modeling (such as ICME) are plus. Senior engineer positions are considered depending on R & D experiences.

As a global organization, there are good prospects for travel and advancement either within the R&D group or in our other manufacturing locations in U.S. and Europe. We offer a competitive salary and benefits, as well as relocation assistance. Candidates must be U.S. Citizen or Permanent Resident.

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Send resume to:

[HendersonHR2@timet.com](mailto:HendersonHR2@timet.com)

In subject line, reference:

"Research Engineer – MS&T 2012"