

voestalpine High Performance Metals Ltd

2595 MEADOWVALE BLVD
MISSISSAUGA, ON L5N7Y3
Phone: 800-665-8335
Fax: 905-812-8658
Website: www.voestalpine.com

August 17th, 2017

PLEASE POST

Position Opening: Additive Manufacturing Simulation/Process Modeling Engineer

Location: Mississauga, Ontario

We are currently looking to fill a Simulation Modeling Engineering position focused on additive manufacturing of metals with a person that is passionate about advancing metal powder-based additive technologies through simulation and Optimized designs. This position offers a unique opportunity to support and advance the AM metals-based technology. The right person can help to support and execute upon a vision of a world-class additive manufacturing team. The candidate will be a part of a cross functional team of engineering, material scientist, sales and customer support developing and executing a business plan to achieve growth in the 3D printing market.

Key Responsibilities: The key responsibilities of this new role will include:

- Provide advanced modeling and simulation solutions to a broad range of technology-based industries
- Working closely with leading industry organizations and partners, you will utilize simulation software tools for faster, more effective simulation-based designs
- Optimization and validation of simulation models using Computer Aided Design CAD/ Computational fluid dynamics CFD/Finite Element Analysis FEA
- Optimize the design of plastic parts for injection molds using plastic simulation software
- Process-oriented design and construction of injection-molding or die-casting tools - static and dynamic
- Tool design based on structural, flow and thermal simulations
- Support of the product development process through the use and interpretation of simulations (preparation of 3D data for simulation with Moldflow etc.)
- Develop new solutions in injection molding or die casting in combination with additive manufacturing technologies
- Implementation of the technical feasibility considering economic viability
- Support customers with technical errors in design calculation.
- Offering consulting service in terms of design and optimization
- Engineering marketing

Skills

- Exercises initiative and creativity within assigned design projects
- Exhibits proficient written and verbal communication both internal and external with customers
- Proven adaptability and flexibility as a part of team
- Proven success in a team-oriented environment
- Strong ability to plan and organize tasks

voestalpine High Performance Metals Ltd

2595 MEADOWVALE BLVD
MISSISSAUGA, ON L5N7Y3
Phone: 800-665-8335
Fax: 905-812-8658
Website: www.voestalpine.com

- A demonstrated passion for additive manufacturing
- Ability to communicate effectively with multi-level stake holders during projects
- Analytical thinking and problem-solving ability
- High level of self-motivation

Required Education/Experience

- Master or PhD in related subject such as Mechanical or Computational Engineering with simulation experience.
- Good at fundamental engineering
- Solid understanding of fluid dynamics, flow modeling and heat transfer
- Experienced in using common 3D CAD systems (such as SolidWorks, NX, Inventor)
- Familiarity with optimization and DOE methods
- Minimum of 5 years' on-hands experience in using simulation software CAD/CFD/FEA

In return for your experience and skills we are offering:

- The opportunity to utilize the full scope of your abilities
- Opportunity for growth within the company
- Competitive compensation and benefits package

If you are interested in this position, please apply online no later than **Monday September 18th, 2017.**

Please go to <http://www.voestalpine.com/group/en/>. Click on “Jobs”, and select “Current Job Offers”.

Or

Click on this direct link https://jobs.voestalpine.com/cgi-bin/app/selfservice.pl?action=jobdetail;job_pub_nr=897DDB9E-6DA7-4168-865A-AB8F7B857B0E;p=homepage

Regards,

Veronika Leonard