



Additive Manufacturing Engineer

Burloak Technologies is a leading Aerospace Additive Manufacturing company focused on delivering high quality engineered solutions. Located in Dundas, Ontario, operating out of a 10,000 sqft facility, we are working with our customers to move additive manufacturing from a prototyping technology to a production technology. Due to our growth, we are looking to hire an Additive Manufacturing Engineer.

This position requires a solid understanding of materials development, manufacturing processes including additive manufacturing, and product design and development.

Responsibilities

- Provide design, analysis and engineering services for Additive Manufacturing / 3D Printing applications
- Designing for additive metal manufacturing (DFAM)
- Conducting additive manufacturing benefit analysis
- Perform feasibility studies to improve quality and performance of parts
 - Establish needs and requirements to develop additive manufacturing material and process technology (metallic and plastic)
- Analyzing the mechanical and metallurgical properties of 3D printed metal components
 - Identify novel technologies and approaches for development
 - Develop and execute intellectual property (IP) strategy and options for additive manufacturing

Qualifications

- Degree in Engineering, with a Masters or PhD, related to Materials Science
- Experience in additive manufacturing technology (3D Printing)
- Experience in advanced materials (metal and plastic), manufacturing technologies and product development
- Proficient using 3D CAD software (SolidWorks)
- Knowledge of AS9100C and ISO9001 regulatory requirements to ensure robust development, manufacturing, distribution, control processes and optimize efficiency for product development