

JOB TITLE **ADDITIVE MANUFACTURING ENGINEER**

REPORTS TO **Research and Development**

KEY AREAS OF RESPONSIBILITY

- The position will coordinate with research and development institutions to identify medical and aerospace part requirements and then develop and execute test plans to demonstrate material and process capability to meet and exceed those requirements.
- Where requirements aren't met this position will work within an research and development, to develop & implement solutions in a production relevant environment.
- This position will document project plans and results.
- This position will lead projects through TRL/MRL 6 and provide support as projects successfully transition through TRL/MRL 10
- Investigation of factory 4.0/IoT and its live implementation to the current process environment.
- Attend metal additive manufacturing conferences and report back to management.
- Develop and lead a live electronic company marketing campaign.
- Ensure quality of current processes by reviewing and improving on SOP guidelines.
- Experience within 3D printing is desired but not required.
- Support capital acquisition activity from specifying equipment, contract negotiation, Installation and validation.
- Develop and provide training for manufacturing team members.
- Interface with Materials Science, Design and Quality Assurance. departments to provide customer with a quality product in a timely manner.
- Validation, Appraisal and support machining suppliers and raw material suppliers
- Communicate and participate in system and process troubleshooting with support team members and with external agents.
- Lead process improvement initiatives.
- Process validation for new products and processes; VP, IQ, OQ, PQ and associated documentation.
- Conduct Gauge R&R studies for New products and new processes.
- Application and development of statistical tools for use in driving continuous improvement projects.
- All other duties as assigned.

QUALIFICATIONS KNOWLEDGE SKILLS

- Degree and typical experience in engineering classification: Bachelor's or Master's degree with experience.
- 2-5 years' experience in the medical and/or aerospace industry essential.
- Business understanding of operations
- High level of PC Skills required – **CAD/Word**
- Travel Flexibility essential.
- Strong communication skills with both Internal and external agents.
- **Self-starter** with demonstrated efficient work methods, analytical & problem solving skills and ability to handle multiple tasks in a fast paced environment.
- The individual should enjoy working in an aggressive, dynamic and results motivated team environment.

Job Description



Signed: _____

Date: _____