

TITLE OF POSITION: Laser Process Technician
DEPARTMENT: Manufacturing
REPORTS TO: Production Supervisor

JOB PURPOSE:

General responsibilities will include safe laser system operation and maintenance, part inspections, quality assurance support, support of laser system development and troubleshooting.

JOB DUTIES: (Include but are not limited to the following)

- Develop knowledge in the overall operation of the laser system to be able to safely and independently operate this system, as may be required and directed
- Understand and apply all laser safety requirements for safe operation of the laser system and all associated support functions of this process
- Safely handle parts and materials with appropriate industrial trucks, hoists, overhead cranes, and associated rigging
- Apply knowledge in the fundamentals of laser technology, to effectively support the ongoing implementation of this technology as it relates to RPMI
- Support and contribute to the ongoing design and development of laser system hardware, software, and fixturing requirements as may be required and directed
- Develop knowledge in the area of software manipulation to be able to program/assign tool paths for successful laser welding applications as may be required and directed
- Assist in the development of written operating procedures that outline, define and represent successful utilization of the laser system
- Assist in the development of written maintenance procedures that will allow for the consistent and successful utilization of the laser system
- Perform pre-, in-process, and post-inspections of customer parts/components using portable CMM and laser scanner, as well as other traditional measuring devices and techniques, and maintain associated documentation
- Develop the required knowledge to support and contribute to the development and maintenance of the Quality Management System and any associated responsibilities, as directed
- Support the facilitation and maintenance of all required company documentation and record keeping, as directed
- Shift work will be required

Other Requirements:

- Prepare and mount metallurgical samples, as may be required and directed
- Support customer and vendor interface, as required and directed
- Utilize proficiency in the use of the portable CMM and laser scanner function to support any RPMI requirements that may be assigned.
- Perform Quality Assurance functions to support both the engineering and production functional areas
- Support internal cross-functional development by contributing to the ongoing maturation of the company's processes and procedures
- Support any special engineering projects, as may be required
- Perform other duties as required and directed
- Support the development of Internal Policies and Procedures for the engineering function

- Support the engineering responsibilities within a cross-functional management framework by effectively working and communicating with management and team members from all functional areas
- Must exhibit the ability to communicate well - orally and in writing, both internally and as required for interface with customers and vendors

Software Requirements:

- Microsoft Windows XP (Excel, Word, PowerPoint, etc.)
- Develop understanding of CAD systems (e.g., Inventor, UG, Pro/E, Solidworks etc.) a plus

EDUCATION AND EXPERIENCE:

An Associate Degree in Applied Science in the area of Laser Technology or comparable curriculum is preferred. Training of the right candidate will be considered.

Employee Signature: _____ Date: _____

Approved by: _____ Date: _____