The Welding Engineer will work in a team environment to develop, improve, and control the laser welding manufacturing processes to fabricate high precision metal parts for the medical, semiconductor and aerospace industries.

Job Responsibilities for Welding Engineer:

- Develop new laser welding process capabilities as needed including process selection, characterization and qualification using design of experiment methodology
- Represent the Manufacturing Engineering team and provide laser welding expertise to the integrated development team including representatives from Design, Purchasing, Quality, Supply Chain, Customer Service and Manufacturing during the development process.
- Provide drawings, dimensional requirements, tolerances, and engineering expertise to achieve an acceptable component fit up and edge conditions to achieve a repeatable weld
- Laser weld programming, process development, process improvement in preproduction and in production with the use of FMEA, PCP, DOE, LEAN and statistical techniques.
- Develop procedures, proper documentation, and create and execute training programs to maintain Process control.
- Develop processes and rates for customer quotations in response to inquiries while working with representatives from Tooling, Engineering, Purchasing, and Customer Service to obtain needed information

Job Requirement for Welding Engineer:

- Bachelor’s Degree in Mechanical, Industrial, Chemical Engineering or equivalent qualification
- 5+ years’ experience in Nd-YAG and Fiber Laser welding process and equipment.
- Experience in developing manufacturing processes for a high-volume manufacturer in a fast-paced technology driven environment.
- Laser Welding, Laser Welding Equipment, and fixture design.
- Statistical analysis using Minitab, Jump, or equivalent
- Knowledge of metal stamping, and machining processes

For more information call Tracy Sinner 262-886-8000 EXT 262 or email tracy@pointonererecruiting.com