



CLACKAMAS WELDING

A DIVISION OF LAFARGE+EGGE

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Clackamas Tool Welding provides some of the most challenging welding solutions to aerospace, medical, defense, and tool & die customers for more than 35 years. Its quality system and team of certified welders are unmatched in the industry when it comes to continual improvement, tight-tolerance, and micro-welding. If you have additional questions, we encourage you to contact us.

CERTIFICATIONS & APPROVALS

AS9100 D/ISO 9001
D1-4426
Nadcap

WELDING DIVISION: PRIMARY SERVICES AND EQUIPMENT LIST

PRIMARY WELDING SERVICES

- Tungsten inert gas (TIG) welding—an arc-welding process utilizing non-consumable tungsten electrodes
- Micro TIG welding—a precision TIG welding process featuring tighter controls on the welding machine and enhanced by viewing the weld through a microscope
- Torch brazing—joining metal components using filler metals and fluxes that do not melt base metals
- Laser welding—enables non-contact processing with minimal heat input, and facilitates high welding speeds and welding in difficult access areas
- Orbital welding—an automatic TIG process used for welding tubing and fittings that require X-ray-quality welds with a high degree of uniformity

SPECIALTY WELDING SERVICES

- Micro- or Thin-walled Welding
- Deep-Rib/Deep-Groove Part Welding
- Micro-welding of tools, dies, and molds
- Specialized Techniques to use filler wire as small as .003" in Diameter.
- Laser welding for heat sensitive applications
- R&D Projects with Client Engineers

SPECIALTY EQUIPMENT

- Programmable Laser Welder
- Programmable Orbital Welder
- Oscillating Boroscope and High Mag. Microscopes
- High Mag. Microscope W high definition camera
- Wafering saw for weld test and part sample preparation
- Track welder
- Micro Tig welder (low amperage stability down to 1/10 of an amp)