

# Welding solutions that work for your business.

ELECTRON BEAM WELDING – LASER WELDING – RESISTANCE SPOT WELDING  
Job Shop Welding and Helium Leak Testing Services

## HIGHLIGHTS

- NADCAP ACCREDITED
- AWS D17.1 CERTIFIED OPERATORS
- AS9100 / ISO9001 CERTIFIED
- ISO 13485 CERTIFIED
- FOUR DECADES OF EXPERIENCE

We specialize in precision metals joining, and we solve problems others are unable to resolve. We have helped customers all over the world with their designs, and have added our expertise to theirs to produce a better product. We offer our customers over four decades of experience to help them produce a better product at a lower cost.

## Flexible solutions for your welding needs

### JOB SHOP WELDING SERVICES

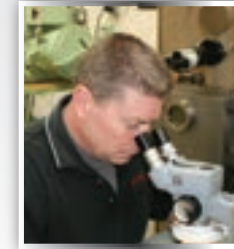
Electron Beam Engineering provides services to customers throughout North America for both precision electron beam and laser beam welding of complex components. We've worked with a diverse customer base that includes numerous products from a wide range of industries such as:

- Aerospace & Defense
- Automotive & Transportation
- Commercial Industries
- Communications & Space Exploration
- Electronics
- Medical
- Oil & Gas
- Sensors & Semi-Conductors



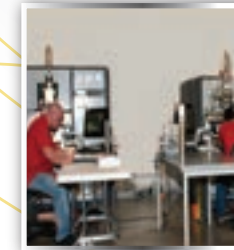
### DESIGN SOLUTIONS

Delivering quality information and support is part of our commitment to collaborating with our customers from the start of every project through completion. A consultation at the joint design stage of your welding project can help ensure your application is not only successful in development but is producible in large quantities.



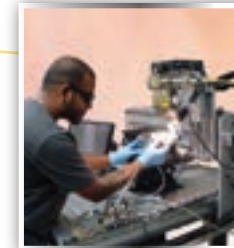
### QUALITY SOLUTIONS

We are AS9100, ISO 9001, and ISO 13485 certified. We are also a Nadcap approved source for electron beam welding. We offer a state of the art metallurgical lab for processing weld samples. Weld sections ensure that our customers weld requirements are always met. Quality Control is an integral part of each one of our projects. It contributes to our world-class solutions.



### EB WELDING SOLUTIONS

EB welding has become a preferred technique for small precision parts requiring very high quality welds in steels, stainless steels, titanium and other exotic alloys. It provides the ability to weld in areas not possible by conventional means since an electron beam can be projected into locations previously inaccessible. It offers a superior quality of welds with no oxidation.



### LASER WELDING SOLUTIONS

Laser welding is a versatile process, but is particularly suitable for joining stainless steels and titanium. The advantage of laser beam welding versus EB welding is that no vacuum chamber is required. Eliminating the need for a vacuum chamber, a pumping system and the time necessary to evacuate the chamber equates to lower cost. Precision Laser Welding Service of small, micro and delicate parts is done with YAG lasers and with Fiber lasers for larger components.



WE CONSISTENTLY WORK WITH  
A DIVERSE CUSTOMER BASE.  
HOW CAN WE HELP YOU?

Contact our sales department or a technical staff member to discuss your next project.



## VISION

Seek new ways to improve and refine our business by working together and building trusting relationships with our customers.

## MISSION

Provide top quality welds and on-time delivery at a competitive price.

## PURPOSE

Strive to exceed our customers expectations by utilizing the knowledge, experience, ingenuity and dedication of our employees.

## CAPABILITIES:

Welding solutions you can build on. Reduce costs, cut development time, increase production.

- **Electron Beam Welding**
- **Laser Beam Welding**
- **Resistance Spot Welding**
- **Vapor Blasting**
- **Nadcap Accredited**
- **Outstanding Quality**
- **Fast Turnaround Time**
- **Competitive Pricing**
- **Technical Consultation**



# A Precision Electron Beam and Laser Welding Job Shop

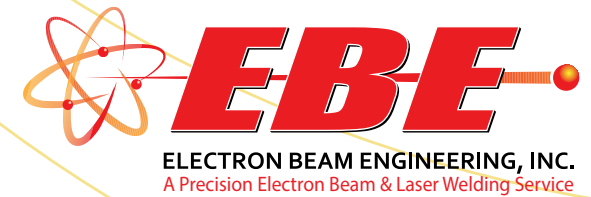


## OUR FACILITY

Electron Beam Engineering operates from an 11,000 square foot facility located in the beautiful city of Anaheim, California. We are very close to Disneyland, so the next time you're in the area stop by for a visit.



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