

Products and Service Offerings

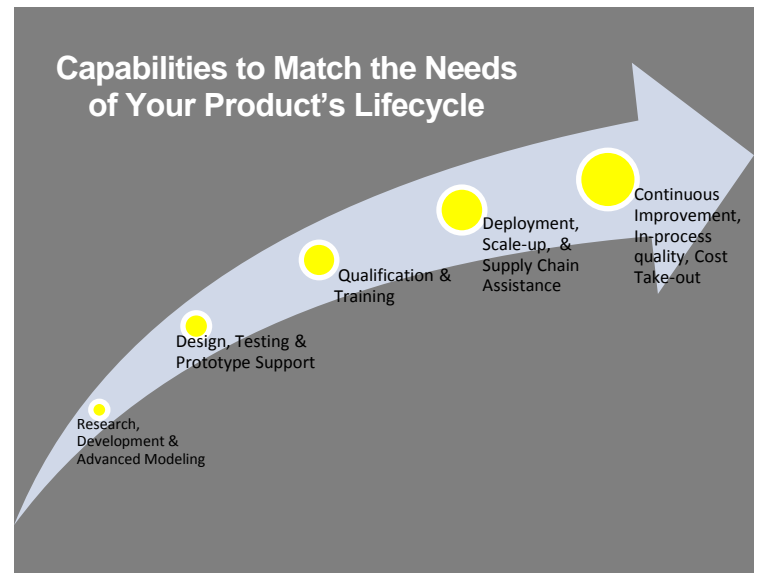
- **Welding Support & Troubleshooting**
- **Production Assessments & Cost Savings**
- **Qualification and Procedure Development (WPS PQR)**
 - AWS, ASME, MIL-STD, etc.
- **Filler Metal Qualification & Welding**
- **Reverse Engineering Services**
- **Weld Auditing/ 3rd Party QC Reviews**
- **3rd Party Weld PPAP**
- **Weld Process Optimization**
- **Weld/Material Failure Analysis**
- **Weld Related Project Management**
- **Weldment Prototyping & Design Feedback**
- **Specialty Welding Services**
- **Repair Procedure Development & Testing**
- **Automated Welding Equipment**
 - Pre-Engineered Robotic Weld Cells
 - Custom Solutions
 - Lasercut & Hard Tooling
- **NDE**
 - UT- Level III
 - PT-Level III
 - MT-Level III
 - VT-Level III
- **Training & Education**
 - Manual Weld Field Training
 - Inspector Training
 - Design for Welding Training
- **Weldment Design & Modeling**
 - FEA
- **Microscopy/Metallurgical**
 - Macro
 - Micro
- **Mechanical Testing**
 - Tensile/Compression
 - Charpy Impact
 - Microhardness/Hardness

Welding Engineering- What is it? Do you need it?

Welding engineering is a cross-functional discipline focused on the joining of materials. Welding is a complex process—involving metallurgy, specialized equipment, shielding gases, inspection and so forth. Controlling all these factors to maintain a robust process can be difficult. In fact, it could be the bottle neck in your operations, or it may be the driver of your quality defects, leaving you looking for answers.

ATC understands welding, and we understand the big picture—production of quality components for profit. If you have a welding related challenge we can help and all the while show you how to reduce costs.

We offer extremely competitive rates and favor practical solutions that your organization can readily implement.



About Applications Technologies Company

Applications Technologies Company (ATC) is the premier welding engineering enterprise in the US. Established to offer engineered welding and manufacturing solutions, our mission is to provide clients with the technical concepts and tools necessary to assist them in achieving and maintaining global competitiveness. Areas of expertise include: welding process selection and optimization; consumable selection; component design for manufacturability; weld quality planning and improvement; supply chain quality management; interpretation and application of welding standards; mechanical testing; nondestructive examination; and automated welding equipment design, fabrication and implementation. With more than fifty years of combined welding engineering and fabrication experience, ATC offers the most cost-effective approach to application of welding and manufacturing technology to maximize your company's bottom line.