



#### **STAFFING**

- Degreed Welding, Mechanical, and Electrical Engineers
- Welding and Laboratory Technicians
- Certified Welding Inspectors
- Robot Programmers

#### **RESISTANCE WELDING SERVICE**

- Electrode Cap Evaluation
- Projection Welding
- Weld System Evaluation / Verification
- Field Support Services
- Process Training

#### **ARC WELDING SERVICE**

- Process Optimization (Production Increase / Quality Enhancement)
- Weld System Evaluation / Verification
- Process Documentation
- Process / Operator Qualification
- Field Support Services
- Process Training

#### **ROBOTIC PROGRAMMING SERVICES**

- Initial Path Programming
- Path / Cycle Time Optimization
- Welding, Material Handling, Sealer / Adhesive Application, etc.

#### **LABORATORY SERVICES**

- Fully Equipped Metallurgical Laboratory with Microhardness Testing
- Weldability Evaluation (Standard and AHS Steel and Non-Ferrous)
- Material Qualification
- DoE Testing
- Sealer / Adhesive Weldability Evaluation
- Optimal Weld Schedule / Lobe Development
- Physical Testing Laboratory
  - » Welding Components and Associated Tooling
  - » Weld Guns, Cylinders, Servos, Controllers / Timers, Cables, Clamps Transformers, Power Supplies, etc.
- Prototype Welding
  - » Resistance Welding, Projection Welding, SMAW, GMAW, and GTAW

#### **OTHER SERVICES**

- Current Meter Calibration / Correlation
- Metal Coupon Stock
- Weld Documentation Database Services
- SORPAS Resistance Welding Process Simulation

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