

**LDS**<sup>™</sup>  
Liburdi Dimetrics Services

**OEM Technical Services**  
for Successful Welding Solutions

FIELD TECHNICAL  
SUPPORT

GAPCO

TECHNICAL  
TRAINING

WELD  
ENGINEERING

EQUIPMENT  
RENTAL

Quality Certificate Holders



**Weld Quality Starts in the Arc**

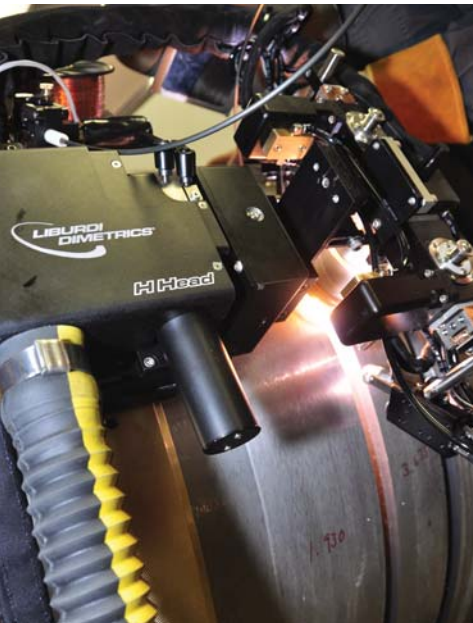
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Liburdi Dimetrics Services offers a complete range of equipment and technical support services for both field and shop environments. We can develop Weld Procedure Specifications "WPS" and Procedure Qualification Records "PQR" for third party use. Our engineering and weld lab facilities can provide specific solutions in both routine and complex weld procedures, including destructive testing, non-destructive testing and metallurgical analysis.

**LDS™ Sample Weld Procedures According to ASME Sections III and IX:**

- Machine GMAW P1 to P1
- Machine GTAW P1 to P1
- Machine GTAW P8 to P8
- High Deposition Hot Wire Machine GTAW P8 to P8
- Machine GTAW P45 to P5A
- Machine GTAW P43 to P3
- Machine GTAW/GMAW P91 to P91
- Machine GTAW Narrow Groove P43 to P8
- Machine GTAW Narrow Groove P8 to P8



For complex welding projects, LDS™ design build capabilities can provide full scale mockups of even the most sophisticated structures, especially in nuclear environments.

**Electrical and Welding Field Technical Support**

We provide on-call welding services, technical supervision and support to help maintain project schedules and keep equipment operating even in the harshest environments.

**GAPCO**

The Great Atlantic and Pacific Pipe Welding & Construction Company, Inc., founded almost half a century ago, was instrumental in the development of weld base knowledge for the Nuclear industry in North America during it's infancy in the 1960's and 70's. This tradition continues today with innovative repair programs for international customers in the fields of Nuclear construction and repair.

**Technical Training**

We offer formal training in orbital welding and in electrical technician maintenance. LDS™ training programs have evolved over the years, from our "UA adopted" 40 hour intensive beginner welding course to customized client specific programs.

**Weld Engineering**

Our experienced team of mechanical, electrical, welding and metallurgical engineers is recognized as the industry leader in providing successful, fully automated welding solutions for critical applications in Turbine, Aerospace and Nuclear industries.



Our extensive knowledge of materials behavior and precise control of the welding process has enabled us to understand and successfully weld difficult materials. These include, but are not limited to nickel, cobalt, iron based superalloys, aluminum, titanium and high alloy steels.

LDS™ has broad experience in welding processes that provide clients with effective guidance in the selection of the most appropriate equipment and process for any project. These range from vision-based plasma, GTAW (hot wire) and laser systems to GMAW for weld overlay and narrow groove joints. We provide consulting services for the implementation and certification of quality control programs.

**Equipment Rental**

When additional equipment is required or to facilitate project financing, LDS™ offers a full rental fleet. LDS™ rental fleet spans Liburdi Dimetrics' product line including; power supplies, weld heads (Closed Chamber, Open Arc and Full Function), collets, spare pendants, weld head extension cables and track accessories to accommodate different tube and pipe sizes.



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