



ANDREWS GLASS COMPANY

Advanced Design and Manufacture of Highly Technical Glass Products

Wide Range of Precision OEM Glass and Quartz Components Custom Fabricated for Scientific Instrumentation and Opto-Electronics

Over six decades of experience in precision glass fabrication for research, scientific analysis, and industrial applications has uniquely positioned Andrews Glass to meet the increased demand for stricter tolerances and tighter control of processes and product quality. The skill of the finest glass artisans assures the best quality and service for prototype, short runs or mass production of specialty glass products. Custom fabrications include:

- Flash Lamp Envelopes
- Flow Tubes
- Discharge Tubes
- Return Tubes
- Tees, Elbows, and Other Connectors
- Water Jackets and Cooling Tubes
- Dust Traps
- And More...

Our wide range of laser and opto-electronic components can be found on the sea floor in fiber optic couplings; in photomultipliers for use in outer space on NOAA satellites; and in a wide variety of industries and applications here on earth.

- Sheet Metal Fabrication (CO₂ Laser Tubes)
- Position Alignment (HeNe Lasers)
- Surgery (Excimer, Gas Flow Lasers, Nd:Yag)
- In-Line Process Inspection (Flash Lamps)
- Homeland Security and Personal Safety (Photoionization Detectors – PIDs)



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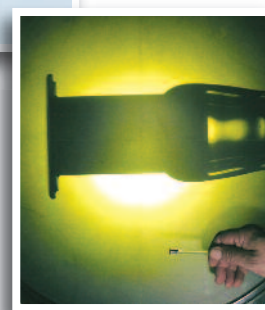
Extensive Manufacturing Capabilities and Engineering Services Ensure Product Quality

When you choose Andrews Glass, you get a complete glass manufacturing and engineering support team. We provide engineering design consultation, development assistance, project implementation guidance, and production problem solutions from start to finish of your project.

Andrews has the manufacturing capabilities to ensure that the finished product will meet design specifications for quality and tolerances. We are **ISO 9001:2008** certified and maintain the highest standards of quality to meet or exceed customer expectations. Our 30,000 square foot manufacturing facility features computer controlled automatic lathes; precision ID re-sizing equipment; cutting, grinding, and polishing machines; volumetric calibration and glass etching equipment; and sophisticated inspection and measurement tools.

When choosing Andrews Glass, you can be confident that we will partner with you to produce the highest quality glass and quartz components for your most sophisticated applications.

- Glass-to-Glass Seals
- Graded Seals
- Glass-to-Metal Seals (Kovar® and Tungsten)
- Engineering Design and Development Support
- Repair and Refurbishing Services
- Laser Components for Industrial and Medical Markets



For application assistance or other information call **1-800-845-0026**, visit andrews-glass.com or laserglasscomponents.com

ISO 9001:2008 Certified