



MECHANICAL SEAL REPAIR PROGRAM

TRUST THE EXPERTS TO HANDLE YOUR SEAL REPAIR

Flexaseal has an on-going commitment to repair any mechanical seal style regardless of the manufacturer. Our vast experience as an OEM allows us to provide evaluation, analysis, and troubleshooting of seal failure with a focus on providing reliable, long-term solutions. Our repair facilities are staffed with knowledgeable product support teams and advanced diagnostic and machining capabilities.

REPAIR OF ALL MECHANICAL SEALS

- Standard and Engineered Seals
- API Equipment
- Mixers
- Specialty Seals

WHAT MAKES A QUALITY REPAIR?

THOROUGH EVALUATION AND CLEANING

- Careful disassembly and inspection of each component for wear and damage
- Application Engineering oversight
- Available failure analysis services, as well as troubleshooting guidance and recommendations to extend seal life

CLEAR COST ESTIMATING AND QUOTING

- Costs are clearly communicated before any work is completed
- Any options for substitutions, design changes, or upgrades are included in the quotation

REPLACEMENT OR RECONDITIONING OF ALL WEARING ITEMS

- Replacement of all fasteners, gaskets, and springs
- Adaptive hardware inspected to new part tolerances and replaced if necessary
- Carbon seal faces replaced
- Hard seal faces inspected and relapped if within tolerances

USE OF ONLY THE HIGHEST QUALITY MATERIALS

- Standard and exotic metallurgies
- All types and grades of elastomers and gasket materials
- All common seal face materials available
- Application specific seal face materials including:
 - Specialized carbon grades
 - Graphite loaded silicon carbide
 - Diamond coated silicon carbide

PRECISION MANUFACTURING AND QUALITY CONTROL

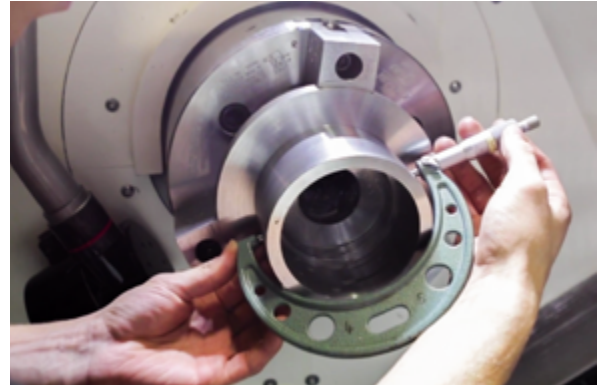
- Precision, in house custom manufacturing
- Replacement parts manufactured and inspected to the same quality specifications as new equipment

EXPERT ASSEMBLY AND TESTING

- Final quality inspection and pressure testing to confirm seal integrity and accurate assembly
- All repairs go through the same detailed assembly process and documentation as newly manufactured seals

CUSTOMER SERVICE AND RAPID DELIVERY

- All repair work done in-house to speed delivery and tightly control quality
- On-site service options available
- Personal communication throughout the entire repair process



COMPETITOR SEAL REPAIR PROGRAM

INSPECTION AND MATERIAL VERIFICATION

- Complete seal condition and design examination
- Material verification of each component
- Face geometry and spring load measurement
- Stack-up of components verified

APPLICATION REVIEW

- Process conditions reviewed to confirm appropriate seal design
- Seal damage evaluated for troubleshooting opportunities and possible design improvements

REVERSE ENGINEERING OF COMPONENTS

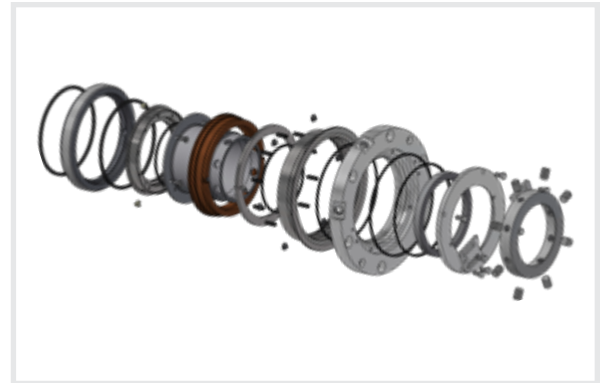
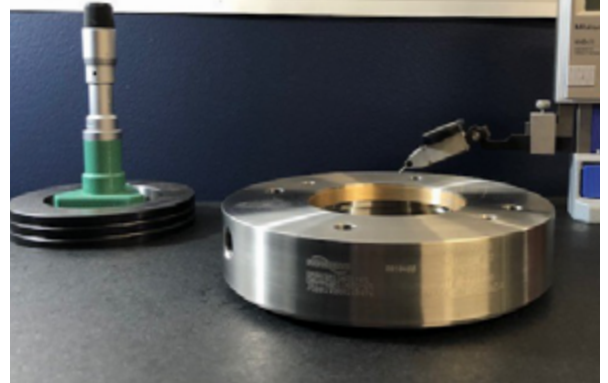
- Extensive database of existing seal designs
- CAD drawings of seal components
- Design and Application engineering review

MANUFACTURING, ASSEMBLY, AND TESTING

- All seals manufactured, assembled, and tested to the same OEM standards as Flexaseal's own designs

TRACEABILITY

- Unique job number etched on each seal gland to provide quality control tracking and documented seal repair history



FLEXASEAL REPAIR CAPABILITIES

EXPERTISE IN ALL TYPES OF SEALED EQUIPMENT

Regardless of the industry or application, Flexaseal has the expertise to deliver mechanical seal repairs with rapid turnaround and comprehensive customer support.

Servicing all types of equipment with OEM quality.

ENGINEERING AND REVERSE ENGINEERING SERVICES

Whether solving a new application or recreating unique parts, Flexaseal's engineering and manufacturing capabilities offer a unique alternative for quality seal repairs.

Engineering resources to meet all the needs of the customer.

MULTIPLE LOCATIONS

Each seal repair location is strategically placed for rapid response to customer needs and to minimize equipment downtime.

Full services are offered at each facility.

- Experienced Staff
- Machining Capabilities
- Stocking of Complete Seals and Parts
- Seal Testing

ANY SEAL. ANY BRAND.



One seal repair partner with the skills, resources, and quality you can rely on.



www.flexaseal.com / sales@flexaseal.com

VERMONT HEADQUARTERS

291 Hurricane Ln.
Williston, VT 05495
TEL 1-800-426-3594 (USA Only)
or 1-802-878-8307
FAX 1-802-878-2479

GULF COAST

1719 S. Sonny Ave.
Gonzales, LA 70737
TEL 1-225-484-0007
FAX 1-225-341-8922

TEXAS

7545 E. Orem Dr.
Houston, TX 77075
TEL 1-832-804-7424

BRAZIL

Rua Javaes, 441/443
Bom Retiro, Sao Paulo
Brazil CEP 01130-010
TEL 55-11-3736-7373
or 55-11-3736-7371
FAX 55-11-3736-7355

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