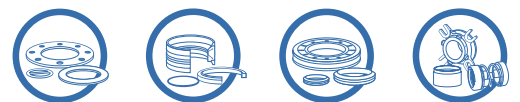
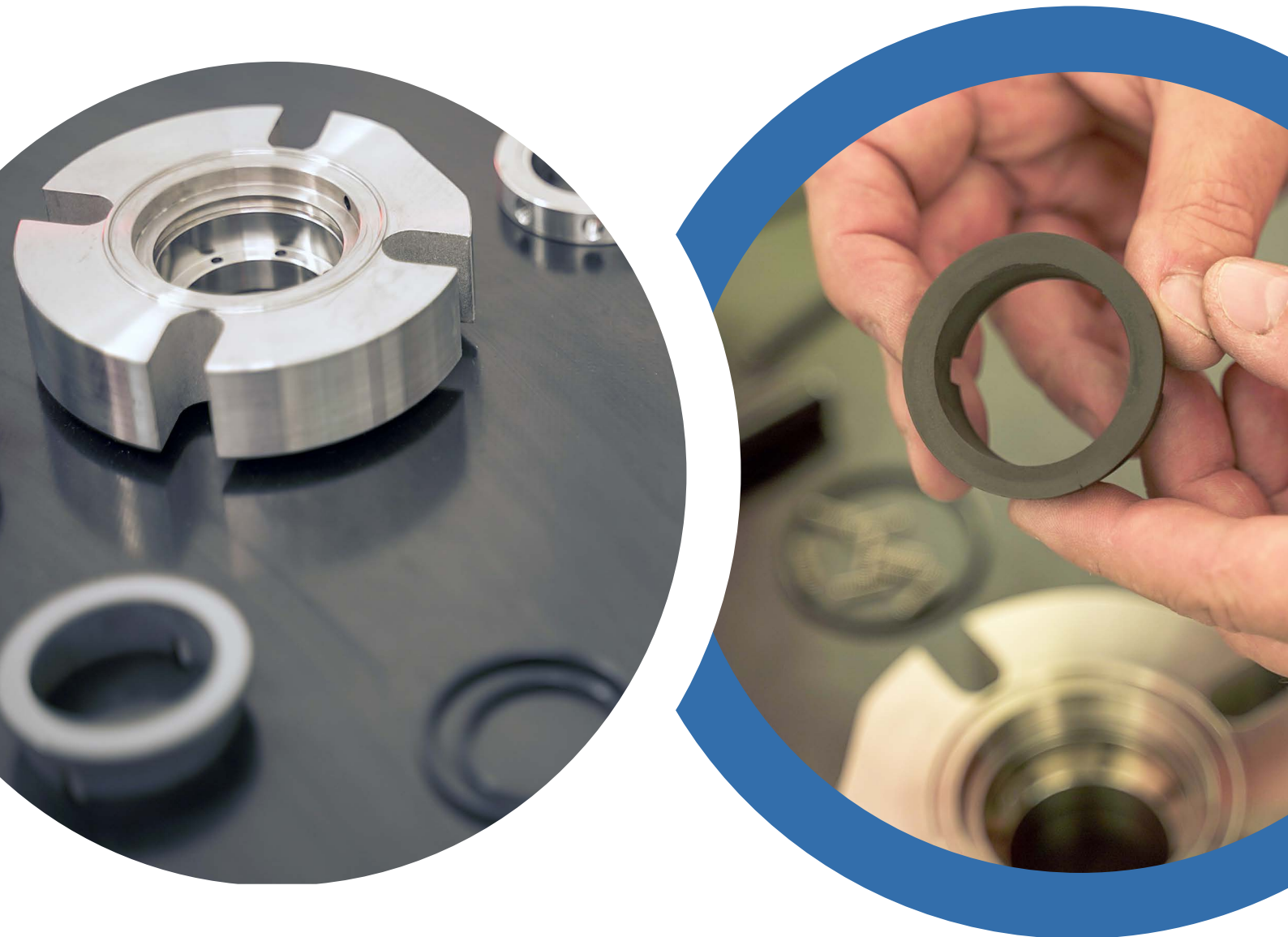


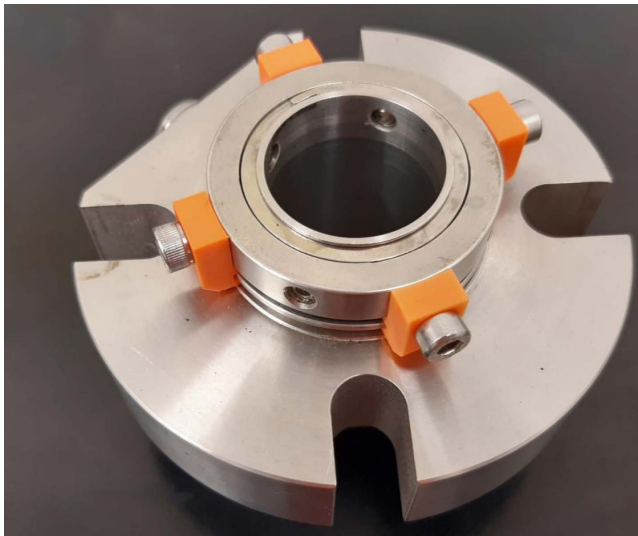
MECHANICAL SEAL REFURBISHMENT

REFURBISHMENT OF A SINGLE CARTRIDGE SEAL



Keeping Industry Moving

Our 9 Step Process



1. RECEIVE MECHANICAL SEAL FROM CUSTOMER

Seal checked first for any contaminant media and if present disinfected prior to disassembly.



2. DISASSEMBLY & INSPECTION OF ALL COMPONENTS

All parts are visually inspected and measured for wear and tear/damage.



3. ULTRASONIC CLEANING OF COMPONENTS

Ultrasonic cleaning is a very efficient form of cleaning where dirt particles are completely and rapidly removed from a variety of mechanical seal components.

SiL SEAL INNOVATIONS		Mechanical Seal Service Quote			
Technician		Date			
Customer		Refurb #			
Customer Contact		Seal Type			
Customer Phone/Email		Seal #			
		Pump Model			
Servicing	Item	Yes/No	Comments	Notes	
	Cleaning	YES	DISASSEMBLE, INSPECT, CLEAN AND REPORT		
Rotary Seal 1	Lapping	YES	CLEAN AND LAP IB ROTARY FACE		
Stationary Seal 1	Lapping	YES	CLEAN AND LAP IB STATIONARY FACE		
Rotary Seal 2	Lapping	YES	CLEAN AND LAP OB ROTARY FACE		
Stationary Seal 2	Lapping	YES	CLEAN AND LAP OB STATIONARY FACE		
	Extra Labour	YES	ASSEMBLE SEAL		
	API682 Test	YES	TEST SEAL		
Components	Item	Qty	Description	Notes	
Rotary	Face		RECO INBOARD		
	Elastomers		BS230V75		
Stationary	Face		RECO INBOARD		
	Elastomers		BS234V75		

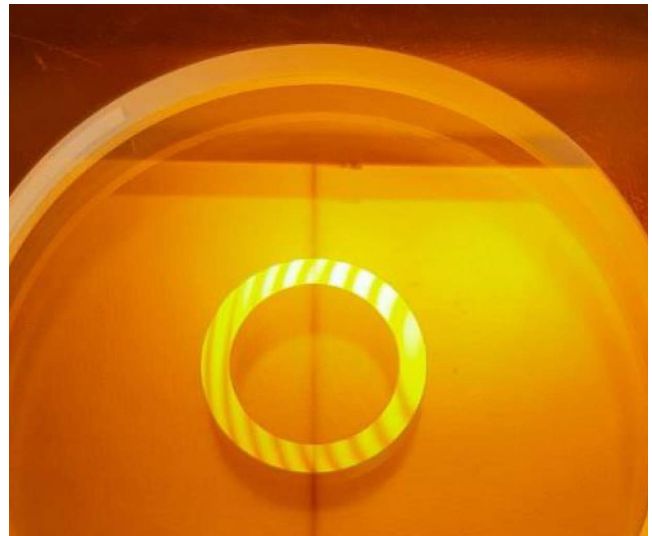
4. JOB CARD & CONDITION REPORT

Information recorded and quoted to customer.



5. LAPPING & POLISHING

Rotary and stationary faces are lapped and polished to industry standards.



6. OPTICAL FLAT & MONOCHROMATIC LIGHT

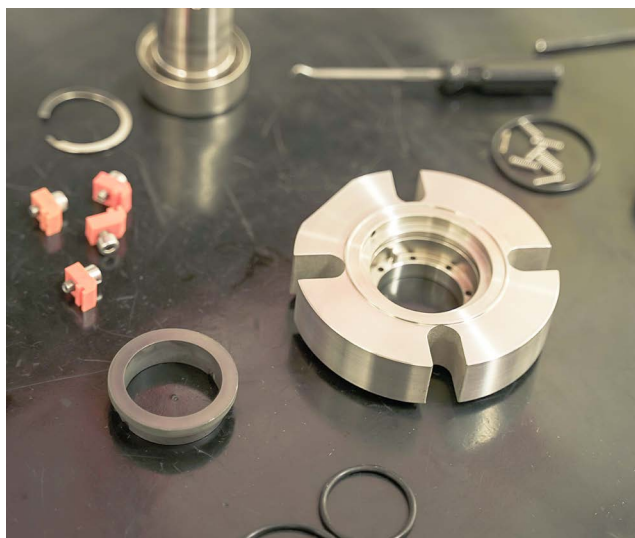
All lapped faces are checked using an optical flat with a monochromatic light source for surface finish and flatness.

LIGHT BANDS SHOWING FLATNESS ACCURACY

A flat surface will show light band patterns. Straight parallel bands show a perfectly flat surface. Flat to within 116 millionths of an inch.

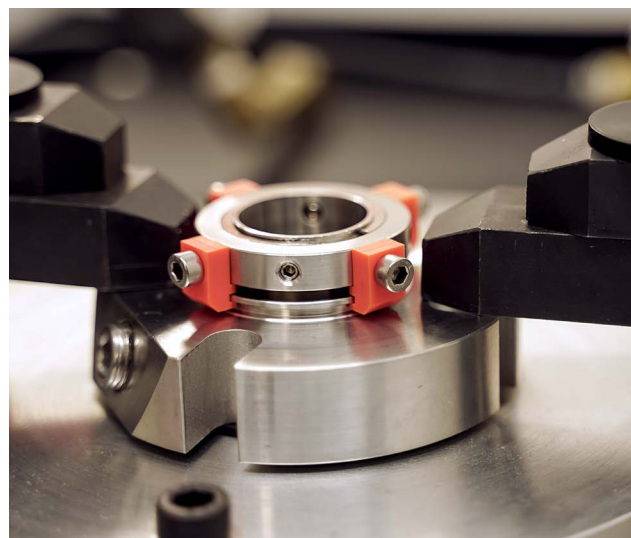


DIAMOND LAPPING COMPOUND USED



7. SEAL ASSEMBLY

Springs are inspected and if they show any signs of wear/damage are replaced.
New setting clips are installed.



8. PRESSURE TESTING THE SEAL

Cartridge seal pressure tested to API 682 (25psi with a maximum pressure drop 2psi over 5 mins) to check integrity of sealing components.



9. SEAL DESPATCH

After pressure testing, the seal is given a final clean and then dispatched back to the customer with a pressure test certificate.

Mechanical Seal API-682 Pressure Test Certificate

Sr Contact Phone/Email	Date	
	Refurb #	
	Seal Type	
	Seal #	
	Pump Model	

Servicing	Item	Result	Co
	Test Pressure (psi)		
	Time (min:sec)		
	Volume of Test (l)		
	Leakage (psi)		
Technician Sign :			
	Name:		
	Date:		
Notes			



Mechanical Seal Refurbishment

SiL delivers a cost-effective, as-new, refurbishment service for virtually any mechanical seal, whether our own or our competitors' products.

Our as-new refurbishment process restores customers' seals to their original functionality, saving the cost of replacement hardware.

Available at our service centres and supported by our highly skilled technical specialists, our refurbishment service offers a cost-effective and environmentally sound alternative to purchasing new seals.

The **(SiL)** Guarantee

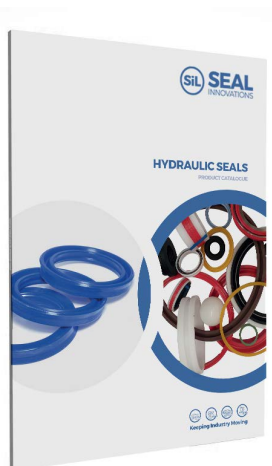
**Upon receipt of your mechanical seal
our repair team guarantee:**

Quote 2 business days

Repair 2-5 business days *dependant on availability of parts*

**It's a fact that 95% of our seals are quoted
and serviced in 2-3 business days.**

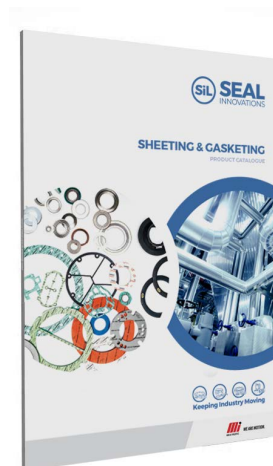
OTHER PRODUCTS & SERVICES



*Hydraulic
Seals*



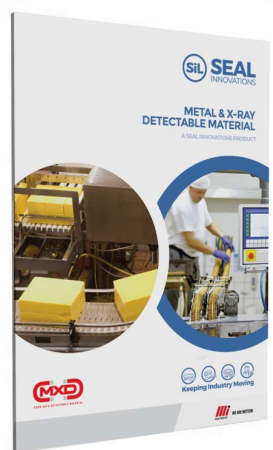
*Mechanical
Seals*



*Sheetting and
Gasketing*



*Business
Profile*



*Metal and X-ray
Detectable Material*



*On Demand Seal
Manufacturing*

sealinnovations.co.nz

Auckland (CS)

09 636 5239
auckland@sealinnovations.co.nz

Hamilton (HO) (CS) (MA) (ME) (GP)

07 847 4439
hamilton@sealinnovations.co.nz

mechanicalseals@sealinnovations.co.nz

Christchurch (CS) (ME)

03 341 8043
christchurch@sealinnovations.co.nz

Wellington (CS)

04 566 6754
wellington@sealinnovations.co.nz

Dunedin (CS)

03 479 2484
dunedin@sealinnovations.co.nz



(HO) Head Office
(CS) Counter Sales
(GP) Gasket Production

(MA) Machine Shop
(ME) Mechanical Seal Servicing

