

IRON MOZ

+

Your service partner for
Pumps repair



Repair Services from the Experts

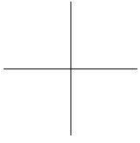
Sulzer is a global partner with reliable and sustainable solutions for your key applications. We offer repair and maintenance services for your pumps, turbines, compressors, generators, and motors from one access point. Operating one of the largest service networks in the industry, Sulzer is close to you with more than 100 service locations and more than 3,600 employees around the world. We focus on lifetime extension and performance improvements of your rotating equipment.

At Sulzer, we are dedicated to providing you with timely, high quality, cost-effective repair services to keep your rotating machinery running. No matter how simple or complex the machine, regardless of the original equipment manufacturer, we are ready to respond to your needs twenty four hours a day, seven days a week.

Equipment repair can be done at one of our service centers or on-site at your location. After disassembling and evaluating the equipment, we produce a full report of the machine's condition addressing:

- Overall condition
- Detailed examination of all critical parts and their condition
- List of parts suitable for re-use or refurbishment
- List of parts to be replaced
- Estimate of time and cost





Improved efficiency

Our engineers provide advanced repair services drawing on the extensive machine, system and process knowledge of all Sulzer's resources. Where repair is related to causes beyond expected wear and tear, our assessment includes:

- Descriptions of the background reasons for lost or failed performance
- Proposals for material or design upgrades
- Recommendations for process or operational changes if applicable
- Suggested changes in operation and maintenance procedures

Our goal is to give you maximum value from the repair process. We will discuss with you the best measures to take to avoid premature need for repair in future. When your equipment is returned to service, you can confidently expect measurable improvements in performance and efficiency.

Your local Sulzer representative can provide further information on our repair services.



Pump Inspection Packages



Category	Sub category	Task	Visuals & Vitals	Mechanical Verification	Comprehensive
Safety	Lock out - tag out	Visual checks plus functional checks of switches and emergency stop buttons	•	•	•
	General housekeeping	Visual check of the installed environment	•	•	•
	Guards and warning signs	Visual check of drive guards, gland guards and warning signs	•	•	•
	Lifting equipment	Visual checks plus functional checks of the lifting equipment	•	•	•
	Special tools	Visual checks plus functional checks of the special tools	•	•	•
	Service platforms	Visual checks plus functional checks of the service platforms	•	•	•
Pump info	Pump model, pump size, materials of construction	Visual check of pump	•	•	•
	Type of installation, pump build options	Visual check of pump	•	•	•
	Pump foundation	Visual check plus functional checks of the foundation and fixings	•	•	•
Wet end	Inlet pipework *	Visual check for leakages	•	•	•
	Outlet pipework	Visual check for leakages	•	•	•
Pump gland	Shaft seal type *	Visual check of gland type	•	•	•
	Shaft seal performance *	Visual checks plus functional checks of the seal support system where fitted	•		•
Bearing assembly	Bearing assembly type	Visual check of bearing assembly	•	•	•
	Bearing assembly lubrication	Check lubrication type and schedule	•	•	•
	Bearing assembly fixings	Check correct quantity and tightness	•	•	•
	Bearing assembly performance	Visual checks plus functional checks of the bearing assembly	•		•
Drive	Pumpset drive arrangement, motor mounting	Visual check of drive arrangement	•	•	•
Motor	Motor type	Visual check of motor	•	•	•
	Motor performance	Visual checks and functional check of the motor	•		•
Pipework	Inlet pipework *	Visual check including auxiliaries, plus leakages check	•	•	•
	Outlet pipework	Visual check including auxiliaries, plus leakages check	•	•	•
	Feed sump, level controls	Visual checks and functional checks of the feed sump	•	•	•
Application data	Duty details, system details, slurry properties	Operational check against PumpDim sizing	•	•	•
Wet end	Shaft rotation by hand	Check shaft rotation by hand (must isolate power first)		•	•
	Axial clearance adjustment	Check impeller clearance and axial adjustment		•	•
	Wet end wear parts inspection	Visual check of wet end wear parts		•	•
Pump gland	Gland assembly inspection *	Visual check of gland components		•	•
Bearing assembly	Bearing assembly inspection	Visual check of bearing assembly components		•	•
Drive	Drive inspection	Visual check of drive components		•	•
	Drive alignment, drive tension	Visual checks plus functional check of the drive		•	•
Extra services	Spare parts	Spare parts stock audit and availability check			•
	Upgrades	Modernizations and upgrade recommendations			•
	Plant optimization	Collection of process data to optimize operation of the installed pump			•

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A maintenance company serving
global markets through an international network.

Superior Service. Global Expertise.