



Any valve fixed right. First Time. Southern Controls Service

When to call the Southern Controls Service Company. It could be anything from routine repair to an emergency shut-down. But the bottom line is you need a replacement valve. You need it to perform to specs, and chances are, you needed it yesterday.

Your budget won't support a new valve. Or a new valve isn't required. Or maybe you just can't get a new one in time to get back on line.

At Southern Controls, we will repair, rebuild, reconfigure or service all Fisher valves using quality OEM parts. We also repair **other manufacturers'** valves using OEM parts whenever possible.

We'll also work with you to customise new or serviceable used valves to meet revised specs for revised applications.

All you need to do is give us the requirements and we'll handle the job. The right way. First time, everytime.

Each Southern Control Workshop has access to Fisher's outstanding technical and manufacturing facilities.

Each Southern Control Workshop is in effect a very responsive local extension of Fisher's manufacturing facilities. We share the same data base, parts inventory, design and applications engineering, and the same commitment to quality and craftsmanship.

Step-by-step service.

1. We can pick up the valve or valves, at the customer's convenience
2. The valve is logged in and assigned a job number. The customer is contacted to confirm the scope of work prior to disassembly and inspection.
3. The valve is torn down and inspected by our mechanical technicians. Using Fisher factory specifications, required parts and materials of construction are detailed.
4. The Fisher Data Base is then accessed to confirm that the "as is" valve conforms to original factory specs. Included are all material references, specific performance tests, calibration data and parts availability. Costs for parts and labour are also determined and if required a firm quote is supplied to the customer before work is started.

5. Using our on-line computer network, required parts are obtained one of four ways: From our large local inventory, directly from a Fisher factory, or if unavailable from any of these sources, the part will be manufactured at Fisher.
6. Our machinist technicians remachine critical surfaces, restoring all dimensions or original design tolerances. Gasket surfaces are restored, valve seat angles and valve plugs recut and damaged areas reconstructed. All useable parts are cleaned and/or reduced to bare metal.
7. Actuators and instruments are torn down and rebuilt. All elastometric parts are replaced or restored. Bushings, bearings and other wear parts are replaced or restored.
8. Our mechanical technicians take over to reassemble the valve with off-the-shelf, restored or freshly manufactured parts. Torque loads and other critical assemble specs are tightly adhered to. All instruments – controllers, positioners, transducers – are recalibrated, and all accessories are mounted and bench set to specs.
9. The serviced valve then undergoes a functional stroking test and a hydrotest if the pressure boundary was modified during the course of the repair.
10. The valve is then painted and crated with end sealed, and delivered to your location. (The step-by-step process described relates solely to valves manufactured by Fisher)

When the process can't wait. Under typical conditions, this repair or remanufacturing process can take approximately one to four weeks (*subject to parts availability*). But when emergencies strike, we're prepared to cut turnaround time down to a matter of days, and even hours.

We stay on top of your needs. On-site, on-line. We know that pulling a valve usually isn't a simple matter of shutting down a line. So we provide a full range of customer site services to let maintenance and repairs occur with a minimum of process interruption.

We have the specialised equipment and skills to perform on-line diagnostic testing to identify and evaluate problem areas. Then, if required, our mechanical technicians can proceed with appropriate repairs.

Some process plants have taken advantage of our outage management expertise by having us evaluate control valve maintenance and repair requirements *prior* to routine shutdown. This has allowed the customer to shorten shutdown intervals by getting a head start on acquiring and remanufacturing critical parts.

Professional skill and pride of workmanship. No other service company offers our skills and depth of experience. Our technicians receive initial, then ongoing, factory training to stay current with technological changes and developments.

And very few companies can match our relentless dedication to quality workmanship.

Our Southern Control Sales Representatives form a team offering process control expertise. Sales Representatives are uniquely suited to handle any conceivable valve servicing requirement.

Our Sales Representatives are the same process control experts that supply your original Fisher equipment and supporting applications engineering. Who is better equipped to advise you on the economic and technical implications of replacement vs repair or remanufacturing? In addition, we're prepared to recommend ways to improve the overall performance and reliability of your process and control systems.

A quality job pays for itself. Why use Southern Control service? Only Southern Controls is a direct extension of Fisher's engineering and manufacturing capabilities. We're virtually one and the same. We have immediate access to all original Fisher equipment specifications, bill of material contents, special heat treating and coating procedures, tolerances, seating specs, test requirements and all other pertinent information.

No other service company can offer the depth and range of technical expertise, parts inventory and manufacturing capability. In fact, there isn't even a close second.

We pick up and deliver. We bring your valves to us, or we go to your valves for complete, customer site repair and restoration. We know the costs of unscheduled downtime and have the resources on hand to deal with any emergency situation.

Why wait? You don't need an emergency, or even an impending maintenance cycle, to benefit from the tremendous resources of Southern Controls.

Call your local Southern Controls Sales Representative today. We'll show you how quality valve maintenance helps protect your process, your profits and your peace of mind.