



SPARTAN
CONTROLS

Experience Industrial Innovation



SPARTAN
CONTROLS

+1 (877) 278-6404 | www.spartancontrols.com

Mobile Valve Service Unit

Maintenance | Reliability | Performance

Unit No. VR01

Valve & Actuation Services

We collaborate with you to **enhance** your process through the efficient management of valve and actuation assets. Our team of Spartan technicians offer comprehensive support, ranging from routine maintenance and diagnostics to complete assistance during shutdowns, outages, and turnarounds, to ensure the safety and reliability of your equipment.



Whether in the field or in the shop, Spartan can support with all of your manual and automated isolation needs.

Comprehensive Valve and Actuation Services

Committed to Safety & Optimizing Process Reliability

RELIABLE OPERATIONS



Operational excellence depends on maximizing the operational life of your process equipment. Spartan provides you with the dependable and quality service you need to keep operation running at its best.

A TEAM TO TRUST



Our team of factory-trained technicians can help keep your process operating safely and efficiently. Our team is available around the clock to respond quickly to your needs.

MORE THAN JUST VALVE REPAIR



Our operational expertise includes valves, actuators, regulators and OEM parts. We help size, select, test, inspect, diagnose, and repair your equipment. Technicians can be available for everything from planned to emergency events.

WRITTEN DOCUMENTATION



Keep better track of services performed across your assets with service documentation. As a standard of our service, our team provides you with written documentation of work performed on your equipment.

SERVICE EXPERTISE



SERVICE EXPERTISE

OUTAGES, TURNAROUNDS, SHUTDOWNS

Leverage our team as a key resource in your next outage, shutdown or turnaround. Our valve experts and technicians value safety and are committed to helping you achieve your goals. We help keep the valve scope organized with in-house project management and can deploy a variety of resources to your location to quickly and accurately repair your assets.

STARTUP & COMMISSIONING

Reduce risk and start up faster with our on-site resources. With our team, we can help you better identify and reduce potential installation, and operational risks.

PREDICTIVE MAINTENANCE & DIAGNOSTICS

Leverage the power of predictive maintenance tools, such as AMS Device Manager, Valvelink and DCM Link to proactively maintain your valve assets before they break. Waiting for repairs can directly affect your facility availability and your bottom line. Our technicians provide innovative diagnostic technologies that allow you to bypass unplanned downtime and keep your process running efficiently.

LOCAL SERVICE – LOCAL EXPERTISE

Spartan Controls is the Western Canadian exclusive authorized repair centre for Emerson Process Automation, for brands such as Fisher, Bettis, Clarkson, Crosby, Anderson Greenwood, Vanessa, and many others. We have seven service centres for valve repair and seven repair trailers for onsite shutdown service.

PLANT ASSET REVIEW

Take control of your assets and get a deeper understanding of your installed base with a Plant Asset Review by Spartan Controls. Our team helps you create comprehensive record of your valve assets, rank your valves by criticality/condition, identify the best OEM parts to keep in stock and assists in planning upcoming maintenance activities.

EMERGENCY SERVICES

If it's broken, we'll fix it. Weekends, holidays, overnight, or week days, our professional technicians are available around the clock to repair faulty valves and instrumentation. Simply call 1-877-278-6404.

EQUIPMENT SCOPE

CONTROL VALVES

Maximize uptime and optimize your process with Fisher® certified control valve repair services. Utilize our in-house or on-site services to reduce risk. Our technicians provide innovative diagnostic, maintenance and repair solutions that allow you to address your control valve needs, minimize downtime, reduce risk, and keep your process running efficiently. Includes **Fisher™**, **Baumann™** and many other manufacturers.

PRESSURE RELIEF VALVES

Maintain safety standards by deploying our Factory and National Board trained technicians. We assist with the evaluation, repair, testing, troubleshooting and service documentation for your safety and pressure relief devices. Includes **Anderson Greenwood**, **Crosby** and many other manufacturers.

MOTOR OPERATED VALVES/ACTUATORS

Improve process reliability and safety of MOVs and actuators that often are overstressed or damaged as a result of their environment or long-term use. Our team provides mobile and depot service to repair or retrofit any kind of actuator.

ISOLATION VALVES

Ensure your critical isolation valves will work when called upon. Spartan Controls can service and repair any valve (knife gate, gate, globe, check, plug, butterfly, diaphragm, blow-down, ball, pinch, etc.) in your operation through our mobile and depot facilities.

REGULATORS

Our technicians repair and start-up all regulators: High pressure natural gas stations regulators, pad/de-pad tank blanketing, water pressure reducing and back-pressure, fuel trains and steam.





From simple to complex, Spartan technicians are trained to service all different types of control valves and accessories.

Reliability & Optimization Services – Go Beyond

In addition to world class valve repair and field service capabilities, Spartan has been investing in strategic, value add expertise for over 15 years. Focused on long-term results, our programs have proven to positively impact plant reliability, maintenance budgets and reduce the risk of safety and environmental incidents. We've helped our Customers achieve over **\$300+ million in verified cost reductions and reliability improvements.**

We'll work with you to create a roadmap for long-term success and be there to support you every step of the way. Combine your talent and technology with Spartan's subject matter expertise to achieve your business goals. We offer a wide range of value add services to fit your business needs, including:

TURNAROUND OPTIMIZATION

"Why is this valve in the upcoming turnaround scope?"

"Well boss, I'm not actually sure but the PM has been in the system for 25 years"

Sound familiar? Limited manpower, lack of time & expertise alongside the demands of keeping a facility operating, can make it a struggle to effectively manage valve repair scope, execution & costs. Not to mention documenting lessons learned for continuous improvement. Spartan will partner with your planning & execution teams, take a deep dive, and truly optimize the scope of your next turnaround. We'll de-risk your outage, reduce repair costs, triage found work during execution, and perform post-outage analysis to drive long term improvement.

RELIABILITY & PREDICTIVE MAINTENANCE PROGRAMS

Traditional, reactive and time based maintenance activities can result in high costs and unplanned equipment downtime. Predictive and proactive strategies have been proven to reduce this impact, however, it can be a challenging transition. Spartan Controls' team of specialized resources can maximize the value received from smart instrumentation and valve assets.

DIAGNOSTICS, ANALYSIS & TRENDING

Spartan offers a full suite of online, offline and SIS partial stroke testing, analysis and long-term health trending capability. Eliminate unnecessary repair work, predict potential failures, improve performance and reduce cost by focusing on the right assets, at the right time. Spartan takes the guess work out of valve diagnostics and enables you to make smart business decisions.

CRITICAL VALVE PERFORMANCE OPTIMIZATION

The undesirable behavior of control valves is a major contributor to poor loop performance. Critical safety valves need to operate properly when called upon. Our diagnostic testing & analysis experts will ensure your critical valves can be relied upon when you need them most.

ASSET DATA COLLECTION & FIELD INSPECTION SERVICES

As facilities age, keeping track of what's actually installed in the field becomes more and more challenging. These blind spots create risk. How do we know if we can order spares off the data sheet? Is the asset in the field actually designed for the job we're asking it to do? Is the installed valve obsolete, making parts & repairs difficult and expensive?

Spartan offers a professional Asset Data collection and visual inspection service that ensures you know exactly what's in the field, if it's installed correctly, and whether or not it is in good physical condition.

INVENTORY OPTIMIZATION

An inventory program is one of the most common methods of reducing risk of asset failure. Unfortunately it can be difficult to find the balance between inventory spend and operational risk; the many makes, models, permutations and sheer volume of valves in a facility only add to the complexity. Our team of experts will work with you to develop an inventory strategy and implement a proven standardization & rationalization process to maximize spares coverage & minimize spend.



Built from decades of real world experience & expertise, Spartan's IRIS program is a modern, cloud-based asset management value driver for the industrial space. Our team leverages this unique platform to collect, manage and assess everything we do in the Reliability & Optimization world. IRIS ensures you receive consistent, professional & actionable reports and that your data will never be misplaced. Customers can even self-serve via the Spartan Customer portal.



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Call us or request a quote online 24/7

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