

Novaspect

Control Valve Repair

FIELD & REPAIR SERVICES

Either at your site or our facility, we can service the following control equipment whether it's manufactured by Fisher® or by other major manufacturers:

- Control valves and actuators
- Regulators
- Instruments
- Handheld communicators

Our rigorous training and real-world experience means you get experienced, knowledgeable factory-certified technicians who are dedicated to serving your needs. We are standing by 24 hours a day, 365 days a year.

Emerson has service centers conveniently located in Oak Forest, IL, Greenville, WI, and Eden Prairie, MN.

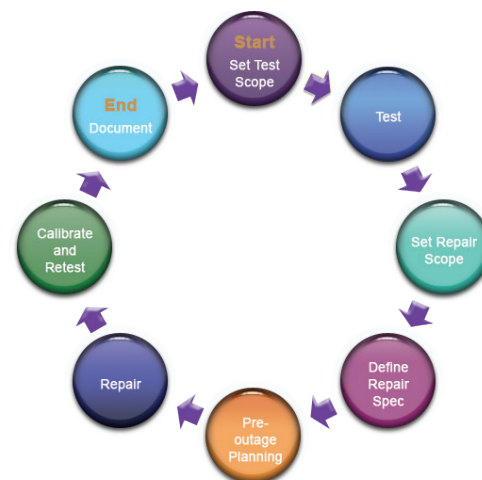


TURNAROUND / OUTAGE SERVICES

Outages generally offer a limited time to test, repair, replace, and calibrate equipment that is critical to unit performance. Our factory-trained and certified personnel will perform all necessary repairs whether the problem exists with Fisher equipment or that of other major control valve manufacturers. We use only OEM parts from certified vendors and follow the highest industry standards for calibration and configuration.

The Novaspect Outage Management Process

- Set the test scope
- Test via Emerson FlowScanner™ or AMS ValveLink™ software
- Set repair scope
- Define repair specification
- Pre-outage planning
- Repair
- Calibrate and retest
- Document and review



MOBILE REPAIR CENTERS

Emerson's Instrument & Valve Services mobile service trailers provide a portable maintenance facility at your site.

- Diagnose, calibrate, remove, repair, test and replace valves, actuators and instruments onsite – saving time and money
- Equipped with lathes, mills, welders, workbenches, and parts to provide machining capabilities
- Inline machining & welding
- Onsite outage inventory

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DIAGNOSTIC SERVICES

Utilizing state-of-the-art equipment such as Emerson's FlowScanner 6000 and AMS ValveLink software, we can quickly diagnose control valve problems, typically without removing equipment or shutting down the process.

- Full diagnostic evaluation and positioner calibration
- Pre-outage, predictive diagnostic services
- Valve diagnostic report to document as-found/as-left conditions and recommendations



STARTUP & COMMISSIONING

Using Emerson's Instrument & Valve Services to assist in start-up and commissioning of a new plant or process is the best way to ensure faster, safer and more efficient implementation of your valves and instruments.

- Reduce the potential for unexpected costs, delays and damage to equipment in the start up and commissioning of the plant or process
- Ensure your critical and severe service valves are commissioned for optimal performance
- Valve signature testing and calibration to establish baseline for future diagnostics

FISHER CERTIFIED SERVICES

Emerson's Instrument & Valve Services technicians are the only service provider who can guarantee a return to Fisher OEM standards and provide an "as new" warranty.

- Instrument & Valve Services has access to proprietary information from Fisher, ensuring that valves and instruments retain OEM certifications
- Our experienced technicians receive factory-authorized training, tools, technology, and education as part of a continuous skills improvement process



ENCORE® PROGRAM FOR VALVES

Cost effectively repair or replace Fisher valves and actuators, including obsolete and hard to find valves, with Emerson's Instrument & Valve Services Encore program.

- Encore products are units remanufactured to original factory specifications, assembled by expert valve technicians, and covered by a 12 month "as new" warranty from Emerson
- Our strict quality control process ensures that every Encore component meets industry and Fisher OEM standards
- Instant Repair Service – we provide a ready-to-install remanufactured valve as a replacement for what you have inline today prior to your scheduled work. Simply return the old valve to us afterwards