

**Improve reliability.
Extend asset life.
Reduce downtime.**

**with Control Valve and Isolation
Valve Repair Services**

Restore Performance. Minimize Downtime. Protect Your Investment.

Control valve and isolation valve repairs are not one-size-fits-all. Equipment criticality, turnaround requirements, reliability goals, and budget considerations all play a role in determining the right repair approach.

As an **Emerson Premier Service Provider**, Puffer-Sweiven provides repair solutions designed to improve reliability, extend asset life, and reduce downtime. From complete OEM restorations to rapid return-to-service repairs, we offer options tailored to your needs.

Confidence Backed by Emerson Expertise

Our factory-certified technicians are trained and authorized by Emerson to perform service, calibration, upgrades, and repairs according to OEM standards.

- ✓ Protects manufacturer warranties
- ✓ Ensures OEM-approved procedures
- ✓ Reduces risk and rework
- ✓ Maintains compliance and documentation integrity
- ✓ Improves long-term equipment reliability

Non-Emerson Repairs

Repairs are performed using NIST-traceable standards and proven repair practices to deliver dependable quality and responsive turnaround.

One Partner. Multiple Repair Paths.

Choose the repair scope that best aligns with your reliability, turnaround, and budget requirements.



INBOUND OPERATIONS & TESTING	CLASS A REPAIR	STANDARD	EMERGENCY
"As Found" Stroke Testing: Determine Initial settings, stroke length, bench set, calibration, issues, etc. and	✓	✓	✓
Seat Leak "As Found"	✓	✓	✓
Actuator Block Test "As Found"	✓	✓	✓
Disassemble Valve/Actuator, document/photograph "As Found"	✓	✓	-
Clean components with Solvent, Beadblast, etc.	✓	✓	-
Inspect Critical Fit Components	✓	✓	-
Inspect Gasket Surfaces	✓	✓	-

ASSEMBLY OPERATIONS	CLASS A REPAIR	STANDARD	EMERGENCY
Polish Trim Components	✓	✓	-
Soft Good Replacement (Valve/Actuator)	✓	✓	-
Replace Body Studs/Nuts	✓	✓	-
Replace Packing Studs/Nuts	✓	✓	-
Machine Trim Components	✓	✓	-
Serrate Gasket Surfaces	✓	✓	-
Reassemble Components	✓	✓	-
Positioner/Accessories, Replace Elastomers	✓	✓	-
Paint	✓	✓	-
Minimal Cleaning (No Paint)	-	-	✓

✓ Only performed when needed *

OUTBOUND OPERATIONS & TESTING	CLASS A REPAIR	STANDARD	EMERGENCY
Hydro Test Pressure Boundary components (as required)	✓	✓	-
Seat Leak Test	✓	✓	✓
Block Test Actuator	✓	✓	✓
Set Actuator Bench	✓	✓	✓
Calibrate Instrument	✓	✓	✓
Operational Test "As Left"	✓	✓	✓
Diagnostics – Flowscan/Valvelink	✓	✓	-

SHIPPING & DOCUMENTATION OPERATIONS	CLASS A REPAIR	STANDARD	EMERGENCY
Install End Protectors and Cover all Open Ports	✓	✓	✓
Photograph Valve and Actuator "As Left"	✓	✓	✓
Package for Shipment	✓	✓	✓
Valve Repair Report	✓	✓	✓
Perform Final Inspection	✓	✓	✓

Control and Isolation Valve Expertise



Focused on Reliability. Built for Performance.

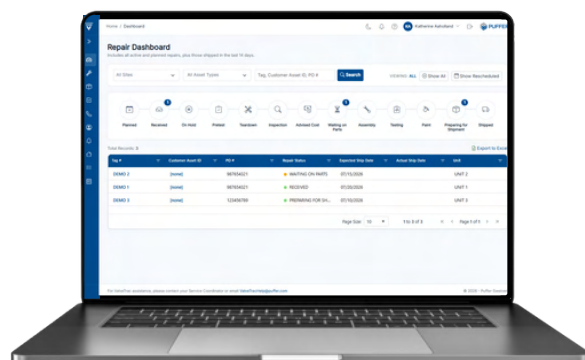
- ✓ Faster return to service
- ✓ Reduced maintenance risk
- ✓ Extended asset life
- ✓ Greater confidence in repair decisions

Puffer-Sweiven combines technical expertise, repair capabilities, and responsive service to help you maximize reliability, reduce downtime, and get the most from your critical valve assets.

Get Real-Time Visibility to Your Repairs with ValveTrac™

Easily track your repair status, access documentation, and manage your critical asset information anytime, anywhere.

- ✓ View real-time repair status
- ✓ Access test reports and images
- ✓ Track assets and repair history
- ✓ Stay up to date with automatic notifications



Trusted Service. Proven Results.

Selecting the right repair scope is about more than restoring equipment; it's about balancing reliability, turnaround time, lifecycle expectations, and operational goals. Puffer-Sweiven's repair classifications provide customers with the flexibility to choose the level of service that best aligns with their application and maintenance strategy.

Backed by experienced technicians, rigorous testing, comprehensive documentation, and ValveTrac™ asset visibility tools, Puffer-Sweiven helps customers make informed decisions throughout the repair process and beyond.





Contact Us

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