



# VALVES: PREVENTATIVE MAINTENANCE



Extend the life of your sanitary valve equipment with a CSI service program. Routine valve maintenance decreases your production downtime, increases quality and output, and provides a safe and efficient workplace.

# VALVES:

## PREVENTATIVE MAINTENANCE

With hundreds and thousands of valves operating in a plant, they are at the heart of your process systems. If they are neglected, slowdowns, quality issues, and safety concerns can arise. What if you could significantly mitigate these risks and expect consistent and reliable performance from your valves?

Creating a regular schedule to assess potential issues before they arise saves time and money. CSI factory certified technicians work with your team to maximize output and keep your process flowing.

### HOW THE PROGRAM WORKS

CSI's full-service valve maintenance program ensures reliable, consistent performance.

### STEP 1: AUDIT YOUR SYSTEM

We partner with your team to perform a complete system audit.

This audit creates a detailed, accurate assessment of system capacities and performance metrics allowing us to identify high-impact risks to your production.

If this is a new installation, our team of experts will also provide startup support. We'll walk you through your entire setup, which allows us to diagnose and troubleshoot problems and answer questions as they come up.



Once your maintenance plan is in place, you can expect reduced downtime, lower maintenance costs, and increased productivity.



### STEP 2: DEVELOP YOUR PLAN

When the audit is complete, our team of experts will develop a custom maintenance plan that prioritizes your to-do-list. This might include:

- Valve assembly inspection, evaluation, and diagnosis
- Component assessment, repair, and replacement
- Service kit installation
- Elastomer replacement
- Actuator service and repair
- Control top and indicator adjustment, repair, and reprogramming
- Testing and calibration to factory standards
- Service kit inventory recommendations



### STEP 3: TRAIN YOUR TEAM

We'll provide extensive training on diagnostics, testing, repair, and preventative maintenance to ensure your on-site operators are confident performing essential valve maintenance and troubleshooting problems.

YOUR STAFF WILL LEARN:

1. Which service kits to stock for in-house repairs
2. How to spot threats before they cause shutdowns
3. When to call CSI for diagnostics and service

A data-driven approach to preventative maintenance

### STEP 4: ONGOING EVALUATIONS

Your processing facility is an ever-changing environment, and your valve maintenance plan needs to adjust with it. Our team of experts will provide ongoing, routine system evaluations to ensure your system is running as expected. Once your maintenance plan is in place, you can expect reduced downtime, lower maintenance costs, and increased productivity.



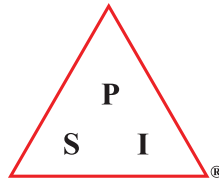
# VALVES:

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### VALVE TYPES

1. Mixproof
2. Shut-off seat valves
3. Divert seat valves
4. Tank/kettle outlet seat valves
5. Throttling seat valves
6. Check valves
7. Butterfly valves

### BRANDS



# CALL TODAY TO SCHEDULE YOUR SYSTEM AUDIT 417.831.1411

Central States Industrial Equipment (CSI) is a leader in distribution of hygienic pipe, valves, fittings, pumps, heat exchangers, and MRO supplies for industrial processors, with four distribution facilities across the U.S.

CSI also provides detail design and execution for hygienic process systems in the food, dairy, beverage, pharmaceutical, biotechnology, and personal care industries. Specializing in process piping, system start-ups, and cleaning systems, CSI leverages technology, intellectual property, and industry expertise to deliver solutions to processing problems.



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