

Start-Up Services for Severe Service Trim

Why Service Valve Trim?

The trim of valves that are welded in-line or run through hydro-flushing are at risk of being damaged during these processes. To protect the trim, it is recommended the trim be removed from the valve prior to any type of welding and/or hydro-flushing.

What Trim is More at Risk?

- Noise attenuation trim
- Anti-cavitation trim
- Anti-flashing trim
- Welded in—line valves
- Drilled hole cages

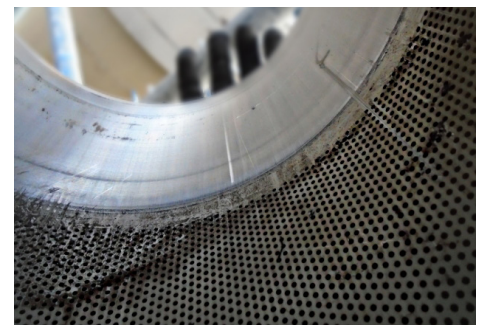
DID YOU KNOW? Nearly 70% of early equipment failures can be traced to installation, startup or design deficiencies.*

**Efficient Plant Magazine*

How Our Team Helps

We offer a special set of hydro-flush trim during the commissioning of new processes and plants. This special flushing trim consists of sacrificial parts that allow the flushing fluid and any solid particulates in the system to pass freely through the valve body. This trim set protects the valve seating and gasket surfaces from damage during startup, while saving you the potential additional costs of another set of production trim.

Once all valves are welded in line and the initial system flush is complete, we disassemble the valve, remove the hydro-flush trim, and conduct a thorough internal inspection before installing the final production trim. After the reassembly, we check and confirm “factory as built” quality, performance, and reliability by performing diagnostic tests.



Weld slag found in a valve after flushing lines damaged the valve trim. Cost for new trim was \$30,000 with a 13-week lead time.