



For **Severe Service** Control Solutions, Turn to Fisher Technology and Innovation

## FISHER VALVES REPLACE COMPETITORS' VALVES, DELIVER PERFORMANCE AT GAS PROCESSING PLANT IN TEXAS

Four, 25-year-old valves at a gas processing plant in LaPorte, Texas had become a serious maintenance problem. The valves, operating in high-temperature and high-pressure feedwater and steam service since 1978, were leaking, noisy, and oversized. Maintenance technicians at the site had repeatedly repaired them, but problems persisted.

Puffer-Sweiven personnel in the LaPorte, Texas office and the Severe Service group in Marshalltown, Iowa specified a Fisher-valve solution that was less costly than repairing the competitors' valves. Even with piping changes required, the customer decided that the Fisher solution was worth it! The four new Fisher® valves included anti-cavitation, noise-abatement, and valve performance monitoring technology. Specifically:

- A four-inch HPT valve with a diffuser, Whisper® III (noise abatement) trim, and a FIELDVUE® Digital Valve Controller (AD tier) for performance monitoring replaced a larger valve.
- A three-inch Design ET replaced a "Tiger-Tooth" valve. The assembly included a DVC and Cavitrol® III (anti-cavitation) trim. (The customer was willing to pay a premium for the DVC instrument and its Advanced Diagnostic capabilities.) This valve is already installed and the customer is very pleased with its performance.
- A single, Fisher 1-1/2 inch Design ET valve replaced two competitor valves in a feedwater application. The little ET with Cav III (anti-cavitation) trim controls low-flow and high-flow capacity requirements.
- A three-inch Design EAT "angle" valve made of WC-9 alloy featured a specially-designed, drilled-hole cage to handle the demands of flashing and cavitation.

All four valves shipped on-time and were installed during a turn-around in April 2004. All are performing well, with no maintenance problems.

For more severe service solutions, see us at [www.fishersevereservice.com](http://www.fishersevereservice.com).



Severe Service