

# Fisher Lifecycle Service Reduces Seat Leakage and Improves Safety

## CHALLENGE

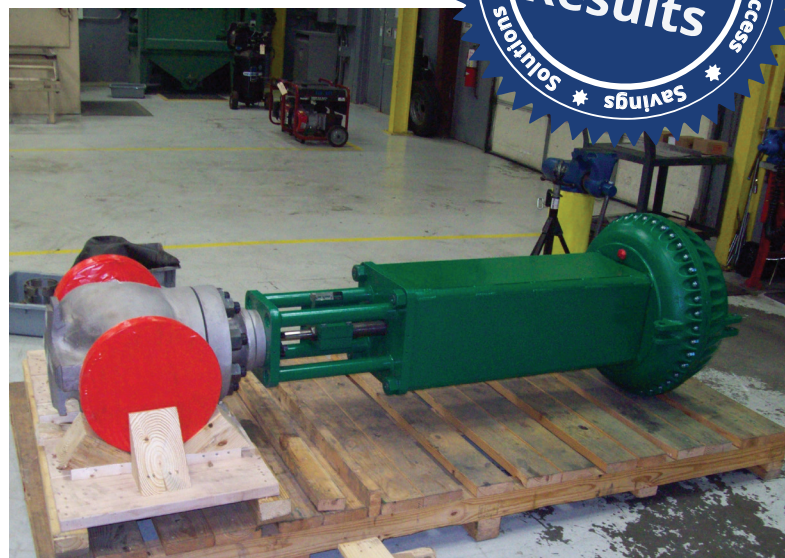
Chemical plants use high pressure oxygen for gasification and the Fisher valves in this application needed to maintain tight shutoff in the closed position in order to maintain safe operation of the process. Historically, the plant had used a non-OEM service provider to repair these valves. In the past, these valves had required rebuilds at higher frequency than expected.

## SOLUTION

Fisher Lifecycle Services and Control Southern reviewed the application and construction of the valve. Fisher Engineering determined that the bench set of these valves could be safely changed to increase the seat load and reduce seat leakage. Upon further inspection, Fisher technicians also discovered that the valves were not properly assembled by the previous service provider. Fisher rebuilt the valves to original OEM specification and increased the bench set to improve shutoff.

## RESULTS

The non-OEM service provider simply lacked the expertise to be able to make the recommendations and changes. As a result of our of experience and partnership with Emerson, these 35+ year old valves now have tighter shutoff than originally installed. The increased shutoff will extend the required maintenance frequency. More importantly, as a result of these improvements, the operating process is more reliable and safer. These same changes were also made to the other valves in the same application.



**35+ year old valves now have tighter shutoff than originally installed and safer operations.**



**SAVINGS: \$50,000 annually**



Automation



Engineering



Reliability



Services



Training



Valves & Instrumentation



Emerson Impact Partner



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