

An open and shut solution |

Leak-proof coating solution for gates and seats

D-Gun solution
outperforms
competitor coating



Situation

A wellhead and gate valve manufacturer was using a competitor's coating on their gates & seats. Their coating was failing as leakage was observed in the PR2 Annex F testing.

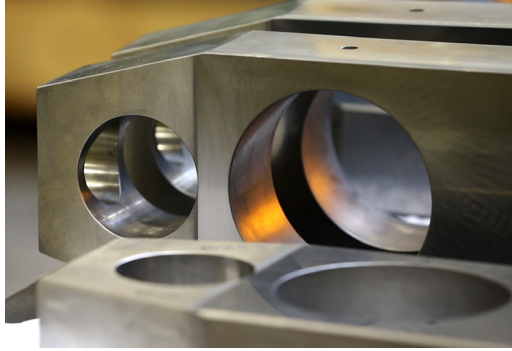
PST Solution

Praxair Surface Technologies' research and development and local engineering teams worked together to provide a proven tungsten carbide coating solution applied by the proprietary detonation gun (D-Gun) on the gates and seats. This coating passed the PR2 Annex F tests.

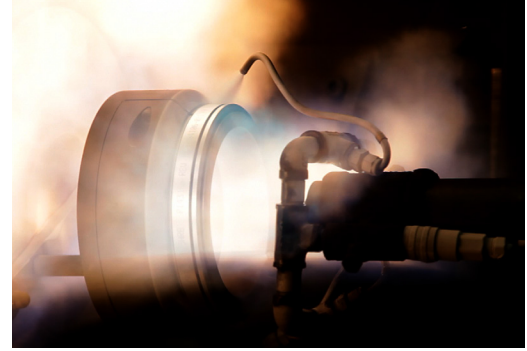
Customer Advantages

No leakage was observed and the parts are operating smoothly throughout the valve testing cycles and operating temperatures.

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Gates



Seat

Case Summary

- Competitor's coating on gate valves and wellheads failed
- Leaks observed in the PR2 Annex F testing
- PST applied proprietary D-Gun coating
- No leaks detected
- PST coating passed PR2 Annex F test

Learn more about how PST can work with you to develop a custom solution for your toughest challenges. Visit praxairsurfacetechologies.com or call 1-317-240-2500.



Making our world
more productive

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