



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

Control Valve Case History

Industry: Gas Processing
Application: Separator Water Dump

Overview:

The customer was experiencing erosion problems with standard separator dump valves and contacted Spartan Controls for a solution. The erosion was due to the presence of sand in the water / oil mixture.

Process Conditions:

P1	110 psi
P2	0 psi
Q	10 usgpm
Water SG	1
Sand Entrainment	

Solution:

The solution was to put Tungsten Carbide trim in the D2 valve to extend the life of the valves.

Customer Benefits:

The Tungsten Carbide trim will extend the service life of the dump valves, reducing the down time for maintenance, and increasing production from the facilities.



SPARTAN CONTROLS

CH1 Separator Water Dump D2.doc

