

Red Valve Pinch Valves and Redflex® Rubber Reducers: The Ideal Solution for Corrosive Scrubber System Application

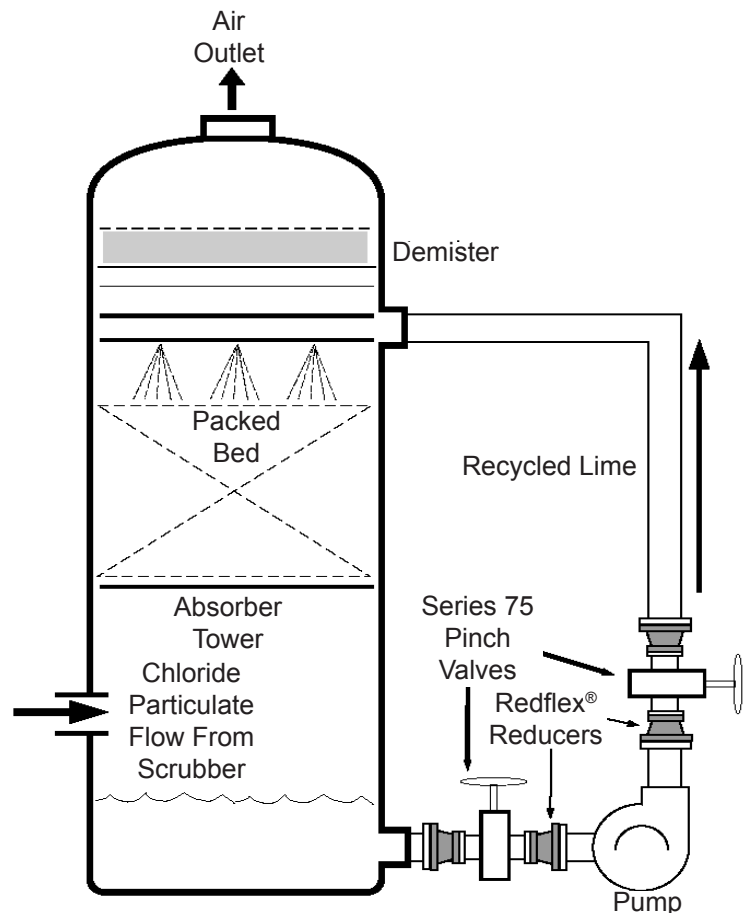
In a highly corrosive scrubber system application, Red Valve Pinch Valves were chosen as the ideal solution for a customer's piping and control needs. Scrubber systems for power utilities usually maintain an average of 8-10% particulate. However, in this application, the percentage of particulate was approximately 1-3%.

This would not seem to be a difficult application due to the low percentage of particulate, but the waste being burned had a high chloride content. Chloride, present in the lime slurry fed through the scrubber system, creates a very volatile environment. This application would destroy standard piping.

Due to the corrosive nature of the particulate, there were few options available to the design engineer. After careful consideration, Red Valve Series 75 Manual Pinch Valves were chosen for the application. Series 75 Manual Pinch Valves have proven to be an effective and economical choice for this scrubber system. The Series 75 Pinch Valves are able to close on entrapped solids, have self cleaning sleeves, and are available in a wide range of elastomers to meet chemical compatibilities. The choice was simple.

In addition to two Series 75 Manual Pinch Valves, Redflex® Rubber Reducers were included in the scrubber system package. These reducers were used to mate the valves with larger diameter pipe.

Red Valve's complete product line of Pinch Valves and Redflex® Expansion Joints are designed to meet our customer's exact flow requirements and specific applications. In this highly corrosive scrubber system application, Series 75 Manual Pinch Valves were the ideal solution for the customer's piping and control needs.



Red Valve Pinch Valves and Redflex® Rubber Reducers Used in Scrubber System