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**CUSTOMER:** Large Steel Producer in Latin America  
**Flow Media:** Industrial wastewater/ sludge

**Service:** Modulating

**PROBLEM:** Unreliable valves to automate a sand filtration system consisting of four tanks processing wastewater generated at the plant

**Requirement:** Four (4) control valves able to withstand a wide range of abrasive grit, oils, chemicals, and minerals laden water at lowest possible operating and maintenance cost, plus reliable Class VI shut-off

**SOLUTION:**

RF Valve Model No. BE 8x6 PF90-514  
w/ Siemens PS2 digital controller

**RESULTS:** Each valve was installed according to specifications to provide access to remove lower valve body for in-line replacement of elastomer tube minimizing system downtime and maintenance costs.

Provided with Siemens PS2, LED display, push button menu for calibration and diagnostics at the valve, customer was able to fine-tune control of their application by characterizing the control function to their specific requirements. By simply changing the elastomer tube, the flexible design of RF Valve's also allows the use of a variety reduced port sleeve trims to adapt to different or changing flow requirements

