In this application Pinch Valves are used as throttling isolation valves in a Titanium Ore refinery in Canada. Absolute shut-off of isolation is necessary because a contaminated digester would be a major expense to shut down, drain, clean, recondition and retest. Estimates are in excess of $1,000,000 USD.

Valve of choice - DW Pinch Valves for long life. The media is a 75% Ore Slurry in water at low pressure of 30 psig (2 Bar) at 190°F (85°C). The best Sleeve material for this job is Red Valve’s Polyurethane Pinch Valve Sleeve.