



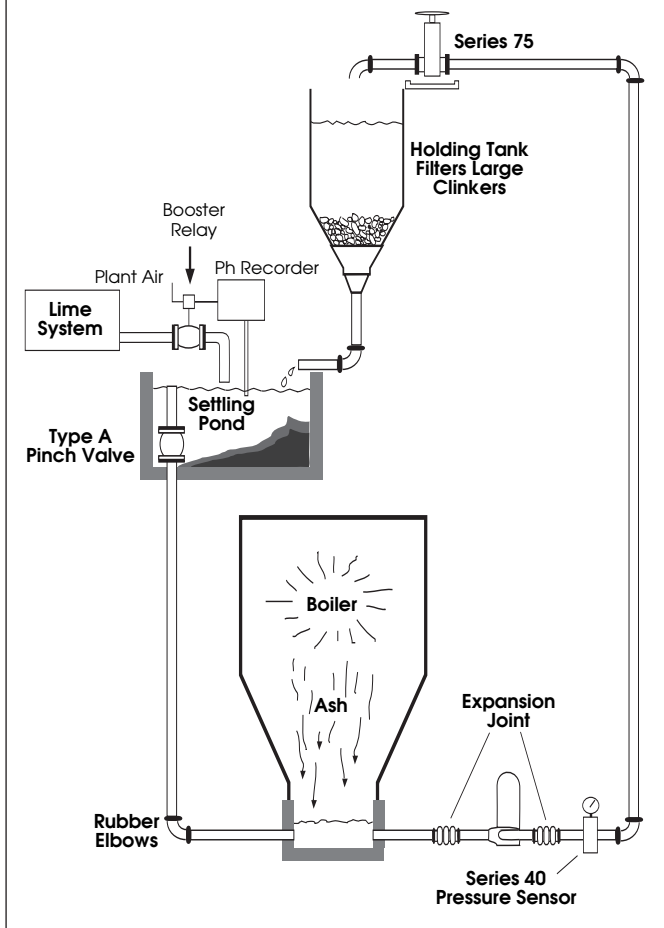
Founded in 1953

Red Valve Company, Inc.

Power application study

Bottom Ash • Type A Pinch Valves

CONTROLLING Ph OF ASH SLURRY



Red Valve Company valves have been used in the engineering standards of many consultants who are building water treatment plants. They are also purchased by original equipment manufacturers who make lime systems for water treatment. The advantages and features of using Red Valve Type A Valves are obvious. Other than its excellent abrasion resistance, the Type A Valve can easily be cleaned if the lime solidifies, by actuating the sleeve. The flexing action of the sleeve not only unplugs the valve, but also breaks up the lime. The sequence of drawings below illustrates how this occurs.

The following application is a good example of how Red Valve products can be used in controlling the Ph of ash slurry. Bottom ash is sluiced from the bottom of boilers and the water is conveyed to settling ponds. The water is slightly acidic. Before the water is reclaimed, lime slurry is added to neutralize the acid.

Controlling the slurry is a demanding service for valves and Red Valves have proven to be the best valves for lime slurry applications. Red Valves can also be used in conjunction with a Ph recorder for throttling and automatically controlling the Ph of settling ponds.

RED VALVES BREAK UP SOLIDIFIED LIME

