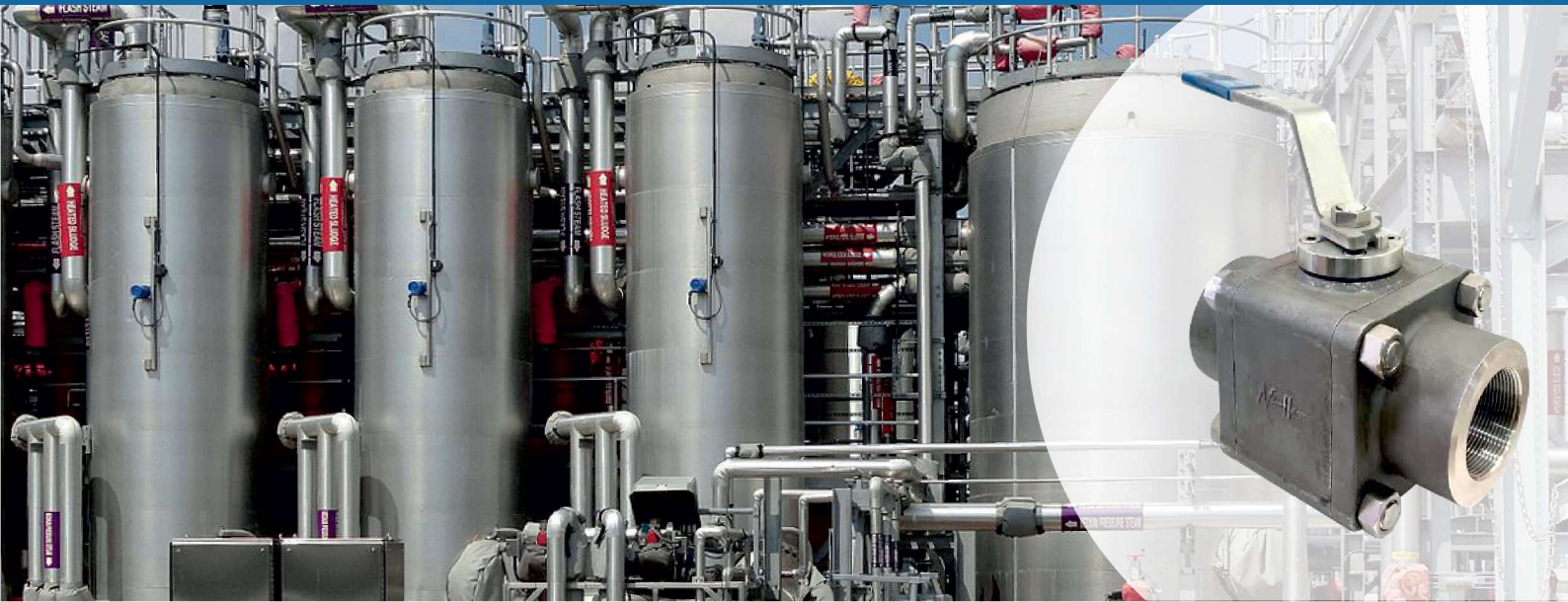


POWERLOKTM FULL BORE BALL VALVE – CRUDE LINE APPLICATION



INDUSTRY

Oil & Gas

CUSTOMER

One of the leading Oilfield Service Providers, specializing in Pipeline & Mechanical Maintenance Services for Oil, Gas and Allied industries of India.

BACKGROUND

With expertise gathered over a period of 30 years, The customer's primary business activities include Hot Tapping, Line Stopple, Cold Cutting and Valve Insertions. They are part of a handful of companies to carry out large scale Reactor Tank Cleaning Services for Oil & Gas giants like ONGC.

CHALLENGE FACED

The customer faced a challenge of using 2" Full Bore Ball Valve in High Pressure Tank Cleaning application. This involved handling media with high level of impurities and solids left over during the manufacturing process cycle. It generally resulted in an array of problems like frequent leakages and shorter life span than expected of the valves even though they were of a reputed Indian Manufacturer.

OPERATING CONDITION:

Pressure : Up to 100 kg/cm²

Temperature : Up to 100° C

Application : Valve for Pressure equalization, draining and venting of Spent Fluids and Sludge of Reactor Tanks

Media : Gas(LPG/Natural Gas) and Petroleum Crude Line.

SOLUTION AND BENEFITS

Thomas & Brian[®] supplied the customer, their **2" Full bore Powerlok Ball Valves** with a proprietary Valve Seat Design. This valve outperformed the existing valve by multiple uses without showing any signs of failure. The valve still works after 9 months of service wherein the valve is thoroughly tested before and after each process cycle is completed.



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