

Shurjoint Products in Harsh Mining Conditions

A gold mining operation in Kambalda, Western Australia, required a durable and corrosion-resistant piping solution for its pump set, operating in an environment with high salinity and extreme conditions. ABBA Engineering in Kalgoorlie selected Shurjoint mechanical couplings and valves for a 12-month performance evaluation to assess their suitability for the challenging site conditions.

Throughout the 12-month testing period, the Shurjoint H307 HDPE to Steel Transition Couplings, SJ-300 Butterfly Valve, and SJ-915 Dual Disc Check Valve were subjected to high moisture levels, fluctuating pressures, and corrosive elements. The results demonstrated exceptional durability, superior corrosion resistance, leak-free operation, and ease of maintenance & installation. The successful trial reinforced Shurjoint's ability to deliver high-performance grooved piping solutions for harsh mining environments, proving their reliability, efficiency, and long-term value.



location

Gold Mine, Kambalda, Western Australia

year

2023

application

Mining

productline

VSH Shurjoint HDPE

owner

ABBA Engineering