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Forged Titanium valve for highly corrosive environment

The Assam Bio Refinery Pvt Ltd (ABRPL) developed India's first biorefinery to produce cellulosic ethanol from bamboo biomass. This cogeneration plant includes two high pressure boilers of 98.5 TPH (tons per hour) capacity each, air pollution abatement equipment along with steam turbine generator and other auxiliary systems to generate process steam and power simultaneously.

Microfinish Valves Pvt Ltd was invited to supply 20 Inch; Class #300 Trunnion mounted ball valves made of forged titanium tailored to the unique requirements of ABRPL service. The bare shaft valve, in a weight of 1600 Kg, was automated with a spring return scotch-yoke pneumatic actuator, and equipped with a control panel allowing the client ease of operation.

The selection of Microfinish Valves as the preferred supplier for forged titanium ball valves highlights the company's reputation for reliability and quality.

As industries increasingly prioritize sustainability and environmental responsibility, the demand for specialized components capable of withstanding corrosive environment and extreme operating condition will only continue to grow.

Microfinish Valves stand-up to any challenge with high-quality product and cost-effective solution.



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