

Corrosion-resistant valves for Indonesia's metal refining industry

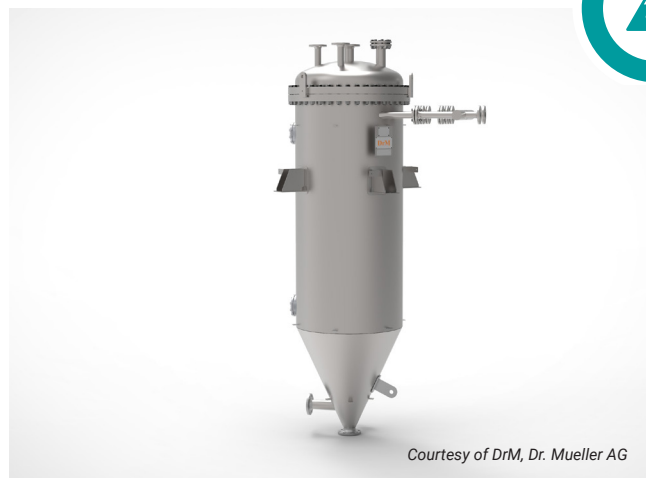
DrM, Dr. Mueller AG, renowned for advanced filtration systems, successfully completed a challenging metal refining project in Indonesia. Faced with a plant in corrosive environment near the sea, the company partnered with InterApp, utilising their specialised, corrosion-resistant valves.

Metal refining plants process raw metals and purify them to remove impurities and extract valuable elements to a higher level of purity. This involves a series of chemical, physical, and sometimes electrochemical processes to achieve the desired purity and properties in metals like gold, copper, steel, and aluminium.

Rich in various ores and minerals, such as nickel, tin, bauxite, and copper, Indonesia is home to numerous metal refining plants. In this backdrop, DrM, Dr. Mueller AG, a Swiss company renowned for creating innovative filtration and mixing systems for the processing industries, was commissioned to construct systems for a plant. A major challenge in this project faced was the highly corrosive environment, exacerbated by the plant's proximity to the sea and a sulfuric acid production facility.

In this context, InterApp emerged as the preferred choice, thanks to diverse range of valves tailored for highly corrosive environments, coupled with all metal surfaces coated to meet the stringent C5M corrosion class standards.

A large scale successful project, that could have been



realised thanks to a close and trustful collaboration, along with specially and project-tailored products that met the highest standards of excellence.

Products installed

Bianca butterfly valve DN 150 with stainless steel body and disc

Products installed

PFA-lined ball valves TLBVA DN 40 – DN 100

All valves are operated with

– Pneumatic actuator IA Motion

Further product installed

- PFA lined check valves WPCV**
 - Switch boxes ES2.PE**
 - Proximity switches**
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Headquartered in Switzerland and part of the AVK Group, InterApp develops, manufactures and markets valves and related accessories.

As a customer-focused technology company, we supply comprehensive flow-control solutions to the most demanding industries around the world