

BELZONA COATS THE EXTERIOR OF AN ACID PUMP

ID: 5090



PROBLEM

The acid spilt onto the pump, which caused the equipment to be removed from service and the pump did not last as long as the mine wanted to.

APPLICATION SITUATION

The client required a coating for the pump to protect it from acid spillage and prevent corrosion.

APPLICATION METHOD

The pump was blasted to white metal to eliminate the acid contained in the substrate. Then, two coats of Belzona 4311 were applied to the external part of the pump.

BELZONA FACTS

The client was able to extend the operating time of the pump with the application of the Belzona 4311. Additionally, the cost to protect the pump was lower than the cost of replacement. As a result, the client requested for all the pumps to be coated.

INDUSTRY

Mining & Quarrying

LOCATION

Mine, Chile

APPLICATION DATE

October 2006

PRODUCTS

Belzona 4311 (Magma CR-1)

SUBSTRATE

Stainless steel

PHOTOS

1. First blasting of the pump
2. Second blasting, ready to apply the coating
3. Application of Belzona 4311
4. Pump coated with Belzona 4311

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