

## ROUTINE BELZONA PUMP APPLICATION

### CUSTOMER

China Clay Producer

### APPLICATION DATE

Ongoing since 1970

### APPLICATION SITUATION

SALA Pumps used in the drying plant to transport the clay slurry

### PROBLEM

Severe erosion of the pump casing and back plates

### PRODUCTS

Belzona® 1311 (Ceramic R-Metal)

Belzona® 1321 (Ceramic S-Metal)

### SUBSTRATE

Stainless Steel

### APPLICATION METHOD

The application is carried out in accordance with Belzona Know-How System Leaflets CEP-1 and CEP-5.

### BELZONA FACTS

The pump back plates are rebuilt in a similar manner. The repairs last a little longer than a new part but saves between 80-90% the cost of a new component. The pumps have been rebuilt on average more than 6 times saving the need to buy in new and expensive pump components

### PICTURES

1. Typical casing showing the general erosion damage
2. Belzona® 1311 being applied into the rebate at the extremity of the repair
3. Rebuild of badly eroded cutwater using an Elastomer former to obtain correct profiles
4. The finished casing ready for re-assembly.



1.



2.



3.



4.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



ISO 9001:2008  
Q 09335  
ISO 14001:2004  
EMS 509612

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