

BELZONA RESTORES AND PROTECTS RIVER WATER PUMP

ID: 1182



PROBLEM

Pump was experiencing corrosion and cavitation erosion damage. Much of the casing was suffering from pitting caused by impingement.

APPLICATION SITUATION

Cooling water pump drawing water from the Mississippi river.

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflets CEP-1, -3 and -5.

BELZONA FACTS

The alternative to a Belzona repair is replacement which is considerably more costly, and takes several weeks for delivery. Similar repairs had already been carried out for this customer so belzona was obvious choice as not only is time and money saved but the life and performance of the pump is extended. This application can be performed at a cost of approximately \$15,000, and returned to service within one week.

INDUSTRY

Chemical & Petrochemical

LOCATION

Petrochemical Plant, Louisiana U.S.A.

APPLICATION DATE

October 2008

PRODUCTS

Belzona 1111 (Super Metal) Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Cast Iron casing, Carbon Steel impeller

PHOTOS

1. Rebuilt and protected suction bell
2. Impeller with first coat of Belzona 1321 (Grey)
3. Impeller fully protected with second coat Belzona 1321
4. Suction diffuser fully restored

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

