

BELZONA PROTECTS WASTEWATER PUMP

ID: 1216



PROBLEM

Strong chemicals within the wastewater process were attacking pump components which caused pitting and degradation of the carbon steel substrate resulting in loss of performance, loss of pump efficiency and frequent pump replacement.

APPLICATION SITUATION

Wastewater pump in chemical company was experiencing severe corrosion from chemical attack.

APPLICATION METHOD

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

BELZONA FACTS

Annual replacement cost of pump was between \$15-20k. Belzona repair and coating was approximately \$1200. Two years later, the pump is exhibiting no signs of performance loss resulting in an estimated savings of \$30k.

INDUSTRY

Chemical & Petrochemical

LOCATION

Chemical Co, Texas

APPLICATION DATE

2007

PRODUCTS

Belzona 1111 (Supermetal) Belzona 1321 (Ceramic S Metal)

SUBSTRATE

Carbon Steel

PHOTOS

1. Damaged wastewater pump head
2. Pump head rebuilt and coated
3. Damaged pump housing
4. Pump housing rebuilt and coated

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.

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