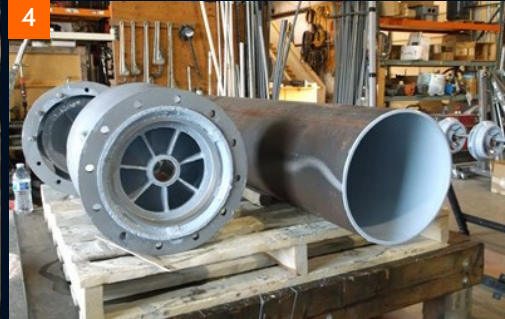


BELZONA REPAIRS A 40-YEAR OLD IRRIGATION PUMP

ID: 5380



PROBLEM

Pump had decreased productivity. It has not been pulled since it was installed in 1974.

APPLICATION SITUATION

40-year old 5-stage irrigation pump.

APPLICATION METHOD

All surfaces to be coated were properly grit blasted to a near white finish. The parts were washed down with a non-chlorinated cleaner. Areas of extreme pitting or cavitation were repaired using Belzona 1221. The first coat of Belzona 1341 was then applied, with the second coat being applied the following day. Applications was carried out in accordance with Belzona Know-How System Leaflets CEP-1 & CEP-10.

BELZONA FACTS

With a pump of this size, replacement would be a very costly option. Using Belzona products to repair and protect this pump will result in another 40 years of operation and increased productivity and lower operational costs. The customer is already making plans to coat the remaining 12 pumps that they use.

INDUSTRY

LOCATION

Greenacres, WA, USA

APPLICATION DATE

September 2014

PRODUCTS

Belzona 1221 (Super E-Metal)
Belzona 1341 (Supermetalgilde)

SUBSTRATE

Cast iron and brass

PHOTOS

1. Damaged pump bowl and impeller
2. Sweating the bowl prior to blasting
3. All 5 impellers completed
4. Two of the bowls and suction pipe completed

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

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under an ISO 9001 Registered
Quality Management System.

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