

BELZONA RETURNS THIS 20-YEAR-OLD PUMP TO LIKE NEW CONDITION

ID: 274



PROBLEM

The pump was heavily scaled and had significant corrosion.

APPLICATION SITUATION

The pump had been in service for 20 years and was inspected during a planned outage.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflets CEP-3, CEP-4, CEP-10.

BELZONA FACTS

The pump was grit blasted and cleaned. Belzona® 1341 was applied to the pump volute, impeller and the inside surfaces of the flow diffuser. Belzona® 5811 was applied to the outside of the volute, the diffuser and the connecting pieces after which Belzona® 1111 was used to rebuild the worn areas on the diffuser and connecting pieces.

INDUSTRY

Power

LOCATION

Electrical utility plant in San Antonio, Texas U.S.A.

APPLICATION DATE

November 2001

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 1341 (Supermetalgilde)
Belzona 5811 (Immersion Grade)

SUBSTRATE

Brass and cast iron

PHOTOS

1. The pump diffuser connecting piece prior to the application
2. Blasted with Belzona 1111 applied
3. The pump piece has been coated with Belzona 1341

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