

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

ID: 274

Industry: Power

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

Application: CEP-Centrifugal Pumps

Application Date: November 2001

Substrate: Brass and cast iron

Products: * Belzona® 1111 (Super Metal) ,
* Belzona® 1341 (Supermetalgilde) ,
* Belzona® 5811 (Immersion Grade) ,

Problem

The pump was heavily scaled and had significant corrosion.



Photograph Descriptions

- * The pump diffuser connecting piece prior to the application ,
- * Blasted with Belzona® 1111 applied ,
- * The pump piece has been coated with Belzona® 1341 ,

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.

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

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EMS 695213

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