

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

### CUSTOMER

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

### APPLICATION DATE

November 2001

### APPLICATION SITUATION

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

### PROBLEM

The pump was heavily scaled and had significant corrosion.

### PRODUCTS

Belzona® 1111 (Super Metal)

Belzona® 1341 (Supermetalgilde)

Belzona® 5811 (Immersion Grade)

### SUBSTRATE

Brass and cast iron

### APPLICATION METHOD

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

### PICTURES

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



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



ISO 9001:2008  
Q 09335  
ISO 14001:2004  
EMS 509612

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

UK • USA • Canada • China  
[www.belzona.com](http://www.belzona.com)

  
**BELZONA®**  
Repair • Protect • Improve