

# BELZONA REPAIR TO CRACKED GLAND SEAL IN FOSSIL PLANT

ID: 76

Industry: Power  
Application: CEP-Centrifugal Pumps  
Substrate: Cast Iron  
Products: \* Belzona® 1111 (Super Metal) ,

Customer Location: Fossil Plant in Maryland  
Application Date: October 1995

## Problem

Gland seal had a cracked casing. The condensate used in the gland seal system was leaking and causing a safety problem.



## Photograph Descriptions

- \* Main Feed Pump - note rust around the gland ,
- \* Casting on work bench prior to surface prep ,
- \* Application of Belzona® 1111 ,

## Application Situation

Gland seal in feed pump

## Application Method

In accordance with Belzona Know-How Leaflet CEP-1.

## Belzona Facts

Welding had been considered as a possible solution but was ruled out. A new casting would have cost \$32,000 and would not have been available for several weeks. Using Belzona saved the customer most of this expense plus a huge reduction in downtime.

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

ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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manufactured under an ISO  
9000 Registered Quality  
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