

# Belzona Helps Extend Dredge Pump Run Time

ID: 9029

Industry: Marine  
Application: CEP-Centrifugal Pumps  
Substrate: Other  
Products: Belzona 1331, Belzona 1814

Customer Location: Houston, TX  
Application Date:

## Problem

The client had used weld overlay in the past to build up the worn dredge pumps once they hit their limit. This was a slow, expensive, and inconvenient process due to having to ship them to FL to have the exotic metal welded.



Large Pumps Arrive at the shop for coating

Belzona 1814 applied inside

Belzona 1814 applied to all wear areas of the pump

## Application Situation

Belzona was a cheaper and faster alternative to the weld overlay of the exotic Ni-Hard metal overlay. Taking 3 days to complete vs 2 weeks. This allowed the client to stop from shipping the pump across the country and also get it back in service in 1/4 of the time

## Application Method

Pump was brought to the shop

SP10 minimum 3-mil blast

"Priming" coat of 1331 was applied to help with increasing shear adhesion of the 1814

1/4" of 1814 applied to the entire pump internals.

## Belzona Facts

The client wanted to find a faster way of protecting their dredge pumps vs weld overlay. Belzona became the solution with excellent documented testing on abrasion and a fast turnaround time to get the equipment back online and running.

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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