

# Belzona Extends the Life of a Seawater Pipe

ID: 6378

Industry: Oil & Gas  
Application:  
Substrate: Carbon Steel  
Products: \* Belzona 1331 ,

Customer Location: Gulf of Mexico, USA  
Application Date: November 2016

## Problem

Seawater at high velocity is causing premature failure of carbon steel piping. The ingrained salts in the flow are erosive as well as corrosive. Some electrolysis is also present and isolation is required to reduce it.



## Photograph Descriptions

- \* Pipes after abrasive blasting. ,
- \* Surfaces are degreased prior to application. ,
- \* Belzona 1331 internal lining. ,
- \* Complete application. ,

## Application Situation

Interior of a seawater piping at an oil producing facility. They were one of the first companies to embrace the new technology of Belzona 1331.

## Application Method

These 12" sections of pipe were internally lined by brush and roller due to spin-spray equipment not available. Belzona 1331 was installed in four thin coats with the pipe orientation changing four times.

## Belzona Facts

Due to the rising cost of quality steel and fabrication lead time, Belzona 1331 was chosen to extend the life of the pipe sections. A longer replacement interval saves the Customer valuable downtime and money.

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

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

[www.belzona.com](http://www.belzona.com)

  
**BELZONA**<sup>®</sup>  
Repair • Protect • Improve