

# Belzona repairs crude oil leaks

ID: 5376

Industry: Oil & Gas  
Application: VPF-Valves, Pipes and Fittings  
Substrate: Carbon Steel  
Products: \* Belzona 1221 (Super E-Metal) ,  
\* Belzona 1161 (Super UW-Metal) ,

Customer Location: Houston, Texas, USA  
Application Date: November 2013

## Problem

After testing a newly installed line, the customer found a pinhole leak at a weld. Hot work was not permitted because crude oil was now in the line.



## Photograph Descriptions

- \* Cleaning of the immediate area ,
- \* Belzona 1221 was used to stop leak ,
- \* Belzona 1161 used to encapsulate for long term protection ,

## Application Situation

Pinhole leak at weld on a crude oil line.

## Application Method

The application was carried out using a modified version of Belzona Know-How System Leaflet VPF-11. Belzona 1221 was used to stop the immediate leak. The area surrounding the leak was then prepared and Belzona 1161 was applied for long term protection.

## Belzona Facts

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.

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Repair • Protect • Improve

To purge the line in order to weld would have taken days and thousands of dollars, the Belzona repair was made in less than an hour and the customer was up and running the same day.

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