

# Belzona 5871 Solves CUI Problem at Refinery

ID: 10101

Industry: Chemical & Petrochemical  
Application: VPF-Valves, Pipes and Fittings  
Substrate: Carbon steel  
Products: Belzona 5871

Customer Location: Huelva  
Application Date: October 2024

## Problem

A refinery contacted us to solve a CUI (Corrosion Under Insulation) problem with their carbon steel pipeline. The pipeline had been in operation for 20 years, 24 hours a week and had a very high corrosion status which had caused loss of thickness, causing perforations and therefore benzene to leak out from the pipeline.



Damaged pipeline



Belzona 5871 being applied to new pipeline



Completed application



Completed application

## Application Situation

After mechanical tests carried using Belzona 5871, the refinery opted to manufacture a new 700-metre-long carbon steel line, parallel to the old line, and to coat this new 6" and 700 m line with Belzona 5871.

## Application Method

Using the Instructions for Use, Belzona 5871 was brush applied to the new pipeline.

## Belzona Facts

The refinery was looking for a thermal insulation coating that would protect the line without having to use the conventional method of insulation, with rock wool and aluminium sheets which was the method they had been using up until they contacted us.

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

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