

# Belzona Repairs Desulfurization and Denitrification Pump Casing and Provides Long-term Protection

ID: 8252

Industry:  
Application:  
Substrate: *Carbon steel*  
Products: *\* Belzona 1311(Ceramic R-Metal) Belzona 1381 ,*

Customer Location: *Xianyang, Shaanxi, China*  
Application Date: *December 2019*

## Problem

*Leaking pump casing and seriously corroded runner.*



## Photograph Descriptions

- \* Damaged pump casing ,
- \* Gritblasting internal part of the casing ,
- \* Repair the leakage of the pump casing ,
- \* Application complete ,

## Application Situation

The desulfurization and denitrification pump experienced chemical corrosion and erosion caused by corrosive media during the process of transporting fluid. Because of the lack of protection or failed anti-corrosion treatment, the pump was seriously corroded, which caused potential safety risks.

## Application Method

Application carried out in accordance with Belzona Know-How System Leaflet CEP-3 and CEP-5.

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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## Belzona Facts

The asset owner used patch welding to repair the leaking pump previously which could only help for a short period of time. After using Belzona to repair and protect the pump, which requires a short application window, the leakage is repaired and the internal part of the pump casing was effectively protected for the long-term.

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