

# BELZONA RECONSTRUCTS THE COVER AND FLANGE OF A HEAT EXCHANGER

ID: 7972

## Industry:

Application: HEX-Heat Exchangers

Substrate: Carbon steel

Products: \* Belzona 1111 (Super-Metal) ,

Customer Location: Petrochemical Plant, Gabon

Application Date: April 2019

## Problem

The flange and the cover of this exchanger were badly damaged by corrosion and needed to be rebuilt.



## Photograph Descriptions

- \* 1- Cover before application ,
- \* 2- Flange before application ,
- \* 3- Flange after application ,
- \* 4- Cover after application ,

## Application Situation

Cover and flange of a heat exchanger

## Application Method

The substrate was first grit blasted to ensure a good mechanical bond with the product. Belzona 1111 was then used to rebuild the cover and the flange according to a modified version of Belzona System Leaflet HEX-02. Finally, the 2 parts of this equipment were machined back to the correct dimensions.

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

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## Belzona Facts

The customer needed a cold applied solution as no hot work was authorised on this equipment.

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