

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.

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

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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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