

## BELZONA RECONSTRUCTS THE COVER AND FLANGE OF A HEAT EXCHANGER

### CUSTOMER

Petrochemical Plant, Gabon

### APPLICATION DATE

April 2019

### APPLICATION SITUATION

Cover and flange of a heat exchanger

### PROBLEM

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

### PRODUCTS

Belzona 1111 (Super-Metal)

### SUBSTRATE

Carbon steel

### 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 Know-How System Leaflet HEX-02. Finally, the 2 parts of this equipment were machined back to the correct dimensions.

### BELZONA FACTS

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

### PICTURES

1. Cover before application
2. Flange before application
3. Flange after application
4. Cover after application



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