# HEAT EXCHANGER REPAIR & COATING WITH BELZONA

#### **CUSTOMER**

United Kingdom

# APPLICATION DATE

2021

## **APPLICATION SITUATION**

A heat exchanger had suffered damage from erosion & corrosion in service.

## **PROBLEM**

Welding was ruled out due to the risk of heat distortion. A tight turnaround was required for the item.

#### **PRODUCTS**

Belzona 1311 (Ceramic R Metal) Belzona 1321 (Ceramic S Metal)

## **SUBSTRATE**

Mild Steel

#### APPLICATION METHOD

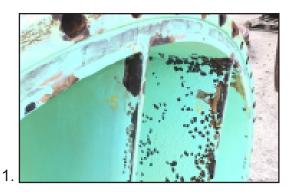
The existing coating was removed during the grit blast preparation. The metal was prepared to SA2.5 & 75 microns. Any areas of metal loss were repaired using Belzona 1311 Ceramic R metal. Two coats of Belzona 1321 Ceramic S Metal were then applied for future erosion/corrosion protection.

## **BELZONA FACTS**

By utilising the Belzona repair the equipment was repaired & protected in only 4 days.

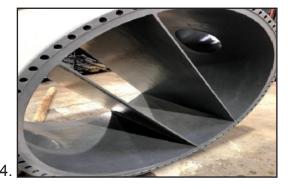
#### **PICTURES**

- 1. Damage to the coating & underlying metal
- 2. Surface preparation & rebuilding with Belzona 1311
- 3. End cover coated with Belzona 1321
- 4. Belzona 1321 applied









For more examples of Belzona Know-How In Action, please visit http://khia.belzona.com