

FLANGE REPAIR KEEPS PUMP GOING

CUSTOMER

Houston, Texas, USA

APPLICATION DATE

November 2013

APPLICATION SITUATION

Cracked flange on cooling water pump.

PROBLEM

Customer could not pull the pump for the repair off the cracked flange and needed an in-place repair.

PRODUCTS

Belzona 1121 (Super XL-Metal)

Belzona 4151 (Magma-Quartz Resin)

Belzona 9371 (Reinforcement Tape)

SUBSTRATE

Carbon Steel

APPLICATION METHOD

The application was carried out in accordance to a modified version of Belzona Know-How System Leaflet VPF-11. A composite wrap using Belzona 1121 and Belzona 4151 with Belzona 9371 was used to encapsulate the flange.

BELZONA FACTS

The pump is critical for production and the customer could not afford to shut it off to remove it for the repair. The Belzona application was done in place and within hours which allowed for production to be back on-line the same day and with little downtime.

PICTURES

1. Overview of the pump and flange before the repair
2. Belzona 1121 used to build up the area and the composite wrap applied
3. Completed project



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



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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