

FLANGE REPAIR KEEPS PUMP GOING

ID: 5370

Industry: General Industry
Application: VPF-Valves, Pipes and Fittings
Substrate: Carbon Steel
Products: * Belzona 1121 (Super XL-Metal) ,
* Belzona 4151 (Magma-Quartz Resin) ,
* Belzona 9371 (Reinforcement Tape) ,

Customer Location: Houston, Texas, USA
Application Date: November 2013

Problem

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



Photograph Descriptions

- * Overview of the pump and flange before the repair ,
- * Belzona 1121 used to build up the area and the composite wrap applied ,
- * Completed project ,

Application Situation

Cracked flange on cooling water pump.

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

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

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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.

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