

Belzona Saves the Alignment of the Pump and Motor

ID: 6038

Industry: Water / Wastewater

Customer Location: Deer Park, TX, USA

Application:

Application Date: February 2016

Substrate: Carbon Steel

Products: * Belzona 1121 (Super XL-Metal) ,
* Belzona 5811 (Immersion Grade) ,
* Belzona 5233 ,

Problem

The occasional leaking seal of process water was causing the advanced corrosion attack of the metal substrate of the pump base, which was leading up to the possibility of the base collapsing. At which point the pump and motor would be out of alignment.



Photograph Descriptions

- * 1. Corroded pump base ,
- * 2. Pump base blasted and Belzona 1121 being applied ,
- * 3. Belzona 5811 applied to pump base ,
- * 4. Belzona 5233 applied as a top coat. ,

Application Situation

Metal Pump Base

Application Method

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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Repair • Protect • Improve

1.Pumps were removed for access to the pump base. 2.Substrate was blasted clean to near white finish. 3.Belzona 1121 was applied to all pits and welds as per the IFU. 4.Belzona 5811 was applied to the entire pump base as per the IFU. 5. Belzona 5233 was applied to the entire pump base for further UV protection.

Belzona Facts

Customer chose to use the Belzona alternative because a new pump base was 3-6 weeks out, and the Belzona method allowed them to return to operating service within a week.

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