

BELZONA PREPARES VERTICAL PUMP FOR ACID SERVICE

ID: 1339

Industry: Oil & Gas
Application: CEP-Centrifugal Pumps
Substrate: Cast Iron
Products: * Belzona® 1111 (Supermetal) ,
 * Belzona® 4311 (Magma CR1) ,

Customer Location: Refinery, Canada
Application Date: May 2005

Problem

Chemical attack inside volute and on the impeller.



Photograph Descriptions

- * Original pump after 5 years ,
- * The volute after surface preparation ,
- * The volute after coating with Belzona® 4311 ,
- * The impeller protected with Belzona® 4311 ,

Application Situation

Vertical pumps to handle sulfuric acid

Application Method

Application was carried out in accordance with Belzona System leaflet CEP-3.

Belzona Facts

Belzonas solution for acid pumps was originally tested in 1998 on a vertical pump in contact with 93% sulfuric acid. Very satisfying results led to 5 identical pumps 4 years later being protected.

Belzona 4311, designed to withstand immersion in such aggressive chemicals, once more proved that it is a very cost effective maintenance solution for equipment.

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

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