

CHEMICAL ATTACK AND GALVANIC CORROSION STOPPED WITH BELZONA

ID: 340

Industry: Pulp & Paper
Application: CEP-Centrifugal Pumps
Substrate: Cast iron
Products: * Belzona® 1111 (Super Metal) ,

Customer Location: Paper mill in Georgia, USA
Application Date: March 2000

Problem

White water chemical attack, coupled with galvanic corrosion caused this large Goulds primary fan pump's stuffing box to deteriorate.



Photograph Descriptions

- * Damage stuffing box of large centrifugal pump ,
- * Galvanic damage to stuffing box shoulder ,
- * Rotating assembly dropped into the wet Belzona ,
- * Stuffing box completely rebuilt with Belzona® 1111 (Super Metal) ,

Application Situation

Primary fan pump stuffing box.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet CEP-2.

Belzona Facts

Goulds pumps actually manufactured a special sleeve and instructed the mill to use Belzona® 1111 (Super Metal) until such time as a replacement pump could be manufactured and delivered (three weeks).

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

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