

BELZONA GIVES A NEW LIFE TO A PAPER MILL PUMP

ID: 7650

Industry: Pulp & Paper
Application: CEP-Centrifugal Pumps
Substrate: Cast Iron
Products: * Belzona 1311 (Ceramic R-Metal) ,
* Belzona 1321 (Ceramic S-Metal) ,

Customer Location: Florida, USA
Application Date: June 2017

Problem

The interior of the pump metal was severely pitted and the efficiency was compromised. This pump was slated to be scrapped because it was in a bad shape. The replacement pump did not arrive in time so the decision was made to try to salvage this pump using Belzona.



Photograph Descriptions

- * 1. Pitting and degradation of the pump after it was blasted with Black Beauty. ,
- * 2. Before the product application ,
- * 3. The metal rebuilt and coated ,
- * 4. Two coats of Belzona 1321 applied over Belzona 1311. ,

Application Situation

An old pump at a paper mill plant.

Application Method

Substrate was grit blasted with Black Beauty and then following the Manufacturer's Instructions for Use, a Belzona applicator was used to apply Belzona 1311 to rebuild and smooth out the damaged metal substrate. Belzona 1321 was then applied by a stiff bristle brush in two coats. The application was carried out in accordance with Belzona System Leaflets CEP-3 and CEP-5.

Belzona Facts

This paper mill had used Belzona to preserve other pumps and chose Belzona to try to save this one.

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ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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