

BELZONA REBUILDS STAINLESS STEEL PUMP

ID: 1277

Industry: *Pulp & Paper*
Application: *CEP-Centrifugal Pumps*
Substrate: *Stainless Steel*
Products: ** Belzona® 1111 (Super Metal) ,*
** Belzona® 1311 (Ceramic R-Metal) ,*

Customer Location: *Pulp & Paper Plant, Bulgaria*
Application Date: *August, 2008*

Problem

Loss of internal profiles of the pump casing as a result of corrosion and erosion processes leading to reduced pump efficiency



Photograph Descriptions

- * Damage to the pump casing after blasting ,
- * Rebuilding damage inside the casing ,
- * Flat metal plate used as former to rebuild flange faces ,
- * Pump rebuild completed ,

Application Situation

Double end suction centrifugal pump in pulp production

Application Method

Application was carried out in accordance with Belzona Know-How system Leaflets CEP-1 and CEP-5. After blasting with Aluminium Oxide grit the internal damage was restored with Belzona® 1311. Flange faces & sealing ring seats were rebuilt by forming technique with Belzona® 1111.

Belzona Facts

Rebuilding and contouring to the original pump profile restored pump efficiency and saved time for delivery and high replacement costs for a new pump.

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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