

# BELZONA REPAIRS CASTING DEFECTS

ID: 1375

Industry: General Industry

Application: CEP-Centrifugal Pumps

Substrate: Stainless Steel

Products: \* Belzona® 1311 (Ceramic R Metal) ,

\* Belzona® 1321 (Ceramic S Metal) ,

Customer Location: Steel mill, Iran

Application Date: October, 2009

## Problem

*There were several holes on body and blade surfaces after 4 months working due to bad casting*



## Photograph Descriptions

- \* Holes in pump body clearly visible ,
- \* Rebuilding of impeller blades with Belzona® 1311 ,
- \* Impeller coated with Belzona® 1321 ,
- \* Pump mbody coated ,

## Application Situation

This pump transfers sea water from Persian Gulf to the steel mill

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflets CEP-3 and -5.

## Belzona Facts

Welding was considered but would have taken far longer and cost many times more than Belzona solution.

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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