

BELZONA REPAIRS CASTING DEFECTS

ID: 1375

Industry: General Industry

Customer Location: Steel mill, Iran

Application: CEP-Centrifugal Pumps

Application Date: October, 2009

Substrate: Stainless Steel

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

* Belzona® 1321 (Ceramic S Metal) ,

Problem

There were several holes on body and blades 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

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manufactured under an ISO
9000 Registered Quality
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