## **BELZONA REPAIRS CASTING DEFECTS**

ID: 1375

Industry: General Industry Customer Location: Steel mill, Iran
Application: CEP-Centrifugal Pumps Application Date: October, 2009

Substrate: Stainlees Steel

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

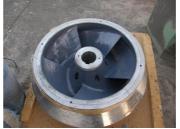
\* Belzona® 1321 (Ceramic S Metal),

#### Problem

There were several holes on body and bladessurfaces 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 Belzona products are
FS 695214 manufactured under an ISO
ISO 14001:2015 9000 Registered Quality
EMS 695213 Management System.

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