# **BELZONA CASTING IMPERFECTION REPAIR**

ID: 613

Industry: Fluid Flow

Customer Location: Pump manufacturing company, Egypt

Application: CEP-Centrifugal Pumps

Application Date: December 2004

Substrate: Cast iron

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

\* Belzona® 1321 (Ceramic S-Metal),

#### **Problem**

Defects in casting caused holes and cracks in the pump.









# **Photograph Descriptions**

- \* Casting imperfections in the pump,
- \* Preparing the cracks in the pump,
- \* Wetting out the surface with Belzona® 1311,
- \* Pump was repaired and protected,

### **Application Situation**

Cast pump casing

## **Application Method**

Application was carried out in accordance with Belzona Know-How System Leaflet CEP-3 and CEP-6.

#### **Belzona Facts**

Instead of recasting the pump which would take too long and be very expensive, Belzona easily repaired the casting imperfections and also provided protection to the pump.

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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