

BELZONA RESTORES TWO PUMP IMPELLERS

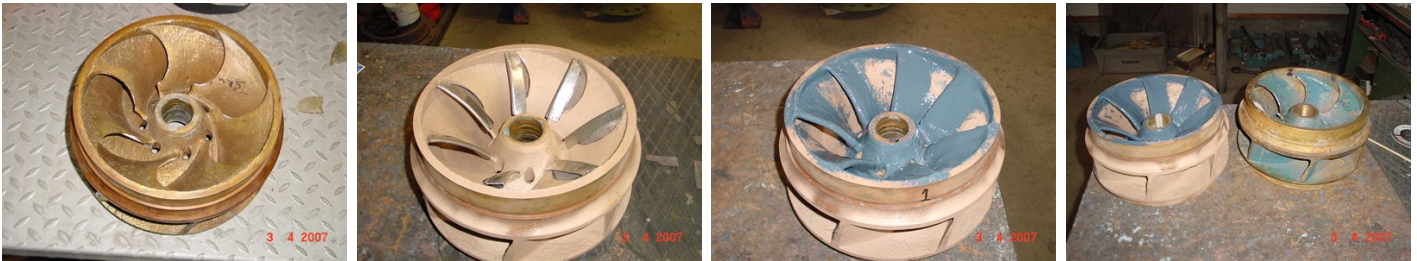
ID: 850

Industry: General Industry
Application: CEP-Centrifugal Pumps
Substrate: Bronze
Products: * Belzona® 1111 (Super Metal) ,
* Belzona® 1321 (Ceramic S-Metal) ,

Customer Location: Oyster culture, The Netherlands
Application Date: April 2007

Problem

The two impellers had severe damage because a large bolt was left in the inlet of the pump



Photograph Descriptions

- * Damaged impeller ,
- * Stainless steel infill plates ,
- * Belzona® 1111 used to bond plates and restore profiles ,
- * One repaired alongside one still to be repaired ,

Application Situation

Pumps used in oyster cultivation

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflets CEP-1 & 3. Steel plates were formed to recreate the lost vanes. Wire mesh was also incorporated into the Belzona rebuild as the original profile was restored. Repair was coated with Belzona® 1321 to give additional smoothness and erosion protection.

Belzona Facts

Replacement impellers were not available in the time scale required to maintain the Oyster production.

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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