

BELZONA RESTORES TWO PUMP IMPELLERS

ID: 850



PROBLEM

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

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.

INDUSTRY

General Industry

LOCATION

Oyster culture, The Netherlands

APPLICATION DATE

April 2007

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Bronze

PHOTOS

1. Damaged impeller
2. Stainless steel infill plates
3. Belzona 1111 used to bond plates and restore profiles
4. One repaired alongside one still to be repaired

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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