

TURBINE IMPELLER PROTECTED USING BELZONA.

ID: 9610



PROBLEM

The turbine was damaged by the erosion-corrosion process.

APPLICATION SITUATION

The impeller was painted about 5 years ago with a material from a competing company, which was damaged. The customer applied the material himself. Now he was looking for a better solution.

APPLICATION METHOD

Surface blasting. Filling damaged blades with Belzona 1311 (Ceramic R-Metal). Surface blasting. Application of Belzona 2941 (Elastomer SP-Conditioner). Application of Belzona 2141 (ACR-Fluid Elastomer).

BELZONA FACTS

The customer was provided with 2 price offers: a cheaper one with the Belzona 1341 (Supermetalguide) material or a more expensive one with the Belzona 2141 (ACR-Fluid Elastomer) material. Based on our experience with the Francis turbine (Belzona 2141 (ACR-Fluid Elastomer)), the customer chose the more expensive option.

INDUSTRY

Water / Wastewater

LOCATION

Slovakia

APPLICATION DATE

May 2024

PRODUCTS

Belzona 1311 (Ceramic R-Metal)
Belzona 2141 (ACR-Fluid Elastomer)
Belzona 2941 (Elastomer SP-Conditioner)

SUBSTRATE

Cast Iron

PHOTOS

1. Damaged paint from a competing paint manufacturer.
2. Filling damaged blades with Belzona 1311 (Ceramic R-Metal).
3. Application of Belzona 2141 (ACR-Fluid Elastomer)

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

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