

Belzona Elastomer Repairs a Francis Turbine

ID: 8199

Industry: Power
Application: CEP-Centrifugal Pumps
Substrate: Steel
Products: * Belzona 2941 ,
* Belzona 2141 ,
* Belzona 1221 ,
* Belzona 9121 ,

Customer Location: Poland
Application Date: 2019

Problem

Mechanical damage of Francis turbine blades due to strong cavitation.



Photograph Descriptions

- * Francis turbine rotor after grit blasting ,
- * Reprofiled with Belzona 1221 ,
- * Application of Belzona 2141 ,
- * Completed Application ,

Application Situation

Damaged Francis Turbine

Application Method

Abrasive grit blasting. Dedusting and degreasing the surface with Belzona 9121. Reprofilng cavities with Belzona paste 1221 Applicationg Belzona 2941 and then Belzona elastomer application 2141 in a system of two layers. In line with Belzona Know-How System Leaflet CEP-3.

Belzona Facts

Belzona has a proven product range for repair and protection against cavitation. Due to many case studies the client felt confident opting for Belzona.

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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