

Belzona extends the life of a CRF wheel

ID: 7896

Industry: *Power*
Application: *CEP-Centrifugal Pumps*
Substrate: *Cast iron*
Products: ** Belzona 2311 (SR Elastomer) ,*
** Belzona 2141 (ACR-Fluid Elastomer) ,*

Customer Location: *France*
Application Date: *2005*

Problem

The coating and the equipment were damaged by cavitation.



Photograph Descriptions

- * 1- Before application ,
- * 2- After application ,

Application Situation

Blades on a CRF wheel in a nuclear power plant.

Application Method

Application was carried out in accordance with Belzona System Leaflet CEP-05.

After the removal of the remaining patches of the previous coating, the substrate was rebuilt using Belzona 2311. Belzona 2141 was then used to protect the area against cavitation.

Belzona Facts

The customer noticed that the service life of this equipment was tripled thanks to this application. This solution would last 3 years instead of 1 with the alternatives tested before (welding, ceramic tiles, ...). This application is now done by the distributor every 3 years on this equipment.

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ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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