

# Scrapped Pump Brought Back to Life with Belzona

ID: 9743

Industry:	Water / Wastewater	Customer Location:	TURKEY
Application:	CEP-Centrifugal Pumps	Application Date:	January 2025
Substrate:	Cast Iron		
Products:	Belzona 1311 (Ceramic R-Metal), Belzona 1321 (Ceramic S-Metal)		

### Problem

Surface losses resulting from erosion experienced in the impeller of the sludge pump used in the wastewater treatment plant.



Before application



Before application



After application



After application

### Application Situation

In a wastewater treatment facility, a sludge pump suffered significant erosion on its impeller, leading to severe surface loss.

### Application Method

Application was carried out in accordance with Belzona Know-How System Leaflets CEP-3 & CEP-5.

### Belzona Facts

The customer was planning to scrap the pump that had sustained serious damage due to erosion. Following technical meetings, it was indicated that this pump could be returned to service using Belzona products, and the customer was convinced. The customer was very satisfied with the outcome of the application.

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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