

# BELZONA REPLACES THE DAMAGED COATING OF BRP PUMP

ID: 9479

Industry: Power  
Application: CEP-Centrifugal Pumps  
Substrate: Carbon steel  
Products: Belzona 5821

Customer Location: RAS LAFFAN QATAR  
Application Date: January 2023

## Problem

The BRP (Brine Recirculating Pump) was suffering from scattered corrosion due to damage on the existing coating.



BRP pump status before surface preparation



After surface preparation using grit blasting



Application of first and second coat was completed and in this is the completed third coat application.



fourth and final coat completed

## Application Situation

Application is a bit easy because the access is remote but the feasibility of the job is a bit hard due to the huge sizes of the equipment parts and the requirement of using a crane to turn them upside down.

## Application Method

The application was done in 4 coat system due to clients coating thickness requirement is to achieve minimum 600 microns.

Application carried out using only 3 inches stiff bristle brush.

Application was done in accordance with product System Leaflet CEP-03

## Belzona Facts

Belzona 5821 is a ceramic filled coating with high performance protection for metallic surfaces under aqueous solution immersion and subject to mild abrasion.

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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