

# Seawater Pump gets the full Belzona Service

ID: 8789

**Industry:** Chemical & Petrochemical  
**Application:** CEP-Centrifugal Pumps  
**Substrate:** Cast Iron  
**Products:** \* Belzona 1111 (Super Metal) ,  
\* Belzona 1321 (Ceramic S-Metal) ,

**Customer Location:** Jorf Lasfar, Morocco  
**Application Date:** March 2019

## Problem

The Kirloskar seawater pump was suffering from general corrosion and bi-metallic corrosion (galvanic corrosion) on the wear rings.



## Photograph Descriptions

- \* 1). Original condition of the seawater pump casing. ,
- \* 2). Wear rings and cutwaters being rebuilt using Belzona 1111. ,
- \* 3). Pump impeller rebuilt and protected. ,
- \* 4). Completed seawater pump application. ,

## Application Situation

Seawater pump at a Sulphur & Phosphate processing plant.

## Application Method

The seawater pump was grit-blasted, the cutwaters and wear rings were then rebuilt to their original OEM profile using Belzona 1111 before being overcoated with Belzona 1321. The pump impeller was also rebuilt and protected against corrosion. The application was carried out in accordance with Belzona System Leaflet CEP-01 & CEP-02.

## Belzona Facts

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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

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The seawater pump is still in service to this day and the customer is extremely pleased with the return on investment due to no corrosion maintenance needing to be done since a Belzona system was applied.

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