

# Belzona Repairs, Protects & Improves Pump Turbines in the Petrochemical Industry

ID: 8349

Industry: *Chemical & Petrochemical*

Customer Location: *Mohammedia, Morocco*

Application: *CEP-Centrifugal Pumps*

Application Date: *July 2020*

Substrate: *Bronze*

Products: *\* Belzona 1111 (Super Metal) and Belzona 1341 (Supermetalglide) ,*

## Problem

*Water pump impellers were suffering extensively from cavitation and erosion.*



## Photograph Descriptions

- \* 1). Damage sustained on the impeller ,
- \* 2). Impeller once taken back to the substrate ,
- \* 3). Impeller after rebuilding ,
- \* 4). Finished product ,

## Application Situation

Water pump on a petrochemical site.

## Application Method

The application was carried out, in accordance with Belzona System Leaflet CEP-01 and CEP-10, where the damaged areas were rebuilt using Belzona 1111 and then coated with Belzona 1341 to predominantly solve the clients cavitation problem.

## Belzona Facts

An alternative repair method had previously been used but failed due to poor surface preparation standards. The Belzona Distributor applied the product on behalf of the client, providing therefore, not only the product but also the technical and application support the customer required.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

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