

# Belzona Solution For Cooling Tower Water Circulation Pumps

ID: 7885

Industry:

Customer Location: Petrochemicals Company, Saudi Arabia

Application:

Application Date: December 2015

Substrate: Steel

Products: \* Belzona 1111 (Super Metal) ,  
\* Belzona 1341 (Supermetalgilde) ,  
\* Belzona 5811 (Immersion Grade) ,

## Problem

*This Cooling Tower Water Circulation Pump was suffering from erosion and corrosion on all internal surfaces and corrosion on external surfaces*



## Photograph Descriptions

- \* Damage beforehand ,
- \* Damage beforehand ,
- \* Application in progress ,
- \* Completed application ,

## Application Situation

Discharge head, discharge elbow, column pipes, upper casing and suction bells of a Cooling Tower Water Circulation Pump.

## Application Method

The applications were undertaken in accordance to modified versions of Belzona Know-How System Leaflets CEP-5, CEP-3, CEP-4. Belzona 1111 was applied directly over the blasted metal surface to rebuild weld joints, pitting, depression and eroded surface. For internal surfaces, apply two-coats with Belzona 1341. For External surfaces, the surface was primed with Belzona 3921 two coats of Belzona 5811 were applied.

## Belzona Facts

Application performing in service is great and the customer is very satisfied. They have agreed to recommend Belzona in place of alternate systems for all future applications of this nature.

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.

[www.belzona.com](http://www.belzona.com)

  
**BELZONA**  
Repair • Protect • Improve