

# BELZONA IN WATERWORKS' PUMP SAVES OVER \$7,200 ANNUALLY

ID: 483

Industry: Water / Wastewater

Customer Location: Des Moines Water Works, Des Moines,  
Iowa USA

Application: CEP-Centrifugal Pumps

Application Date: Fall 2003

Substrate: Cast iron

Products: \* Belzona® 1221 (Super E-Metal) ,  
\* Belzona® 1341 (Supermetalgilde) ,

## Problem

Erosion and bearing problems.



## Photograph Descriptions

- \* Surface prepared for application ,
- \* The impeller was also repaired/protected with Belzona ,
- \* In progress ,
- \* Complete, and ready for re-assembly ,

## Application Situation

17 million gallons/day water pump

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflets CEP-1, CEP-2, CEP-3, CEP-5 and CEP-10.

## Belzona Facts

Repair of erosion damage with Belzona® 1221 (Super E-Metal). Then a two-coat application of Belzona® 1341 (Supermetalgilde) was applied. Belzona® 1341 is approved by NSF for potable water contact. Performance tests showed an average increase of water efficiency of 7.2%, which will save over \$7,200 annually.

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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