

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 (Supermetalglide),*

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 (Supermetalglide) was applied. Belzona® 1341 is approved by NSF for potable water contact. Performance tests showed an average increase of wire to 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.

www.belzona.com

BELZONA
Repair • Protect • Improve