

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

ID: 483



PROBLEM

Erosion and bearing problems.

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 wire to water efficiency of 7.2%, which will save over \$7,200 annually.

INDUSTRY

Water / Wastewater

LOCATION

Des Moines Water Works, Des Moines, Iowa USA

APPLICATION DATE

Fall 2003

PRODUCTS

Belzona 1221 (Super E-Metal)
Belzona 1341 (Supermetalgilde)

SUBSTRATE

Cast iron

PHOTOS

1. Surface prepared for application
2. The impeller was also repaired/protected with Belzona
3. In progress
4. Complete, and ready for re-assembly

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

