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

CUSTOMER

Des Moines Water Works, Des Moines, Iowa USA

APPLICATION DATE

Fall 2003

APPLICATION SITUATION

17 million gallons/day water pump

PROBLEM

Erosion and bearing problems.

PRODUCTS

Belzona® 1221 (Super E-Metal)

Belzona® 1341 (Supermetalglide)

SUBSTRATE

Cast iron

APPLICATION METHOD

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

PHOTOGRAPHS

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

