

## BELZONA REBUILDS PUMP IMPELLER

### CUSTOMER

Othello, WA

### APPLICATION DATE

1992

### APPLICATION SITUATION

Circulating Water Pump in Potato Processing Plant

### PROBLEM

The pump had worn beyond repair so was tossed in the scrap pile.

### PRODUCTS

Belzona 1311 (Ceramic R-Metal)

Belzona 1341 (Supermetalglide)

### SUBSTRATE

Cast Iron

### APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflets CEP 1 & CEP 3. Holes and impeller vanes were patched with Belzona 1311 and reinforcing sheet. The high spots were ground down to smooth the surface and Belzona 1341 was brushed on in two coats.

### BELZONA FACTS

Rebuilding the impeller was a fraction of the replacement cost. The rebuilt impeller was put on the shelf as a spare.

### PICTURES

1. Damaged impeller showing holes.
2. Worn impeller vanes.
3. Impeller rebuilt with Belzona 1311.
4. Finished impeller with two coats of Belzona 1341.



1.



2.



3.



4.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



ISO 9001:2008  
Q 09335  
ISO 14001:2004  
EMS 509612

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