

BELZONA REBUILDS PUMP IMPELLER

ID: 5365



PROBLEM

The pump had become worn beyond repair and was thus tossed in a scrap pile.

APPLICATION SITUATION

Circulating water pump in a potato processing plant.

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 a 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.

INDUSTRY

Food & Drink

LOCATION

Othello, WA

APPLICATION DATE

1992

PRODUCTS

Belzona 1311 (Ceramic R-Metal) Belzona 1341 (Supermetalgilde)

SUBSTRATE

Cast Iron

PHOTOS

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

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.

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