

BELZONA REBUILDS PUMP IMPELLER

ID: 5365

Industry: Food & Drink

Customer Location: Othello, WA

Application: CEP-Centrifugal Pumps

Application Date: 1992

Substrate: Cast Iron

Products: * Belzona 1311 (Ceramic R-Metal)
 Belzona 1341 (Supermetalglide) ,

Problem

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



Photograph Descriptions

- * Damaged impeller showing holes ,
- * Worn impeller vanes ,
- * Impeller rebuilt with Belzona 1311 ,
- * Completed application with two coats of Belzona 1341 ,

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.

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

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