

# BELZONA PROTECTS CITIES WATER PUMPS

ID: 996

Industry: Water / Wastewater

Customer Location: City of Hannibal, MO

Application: CEP-Centrifugal Pumps

Application Date: 1993

Substrate: Cast iron

Products: \* Belzona® 1311 (Ceramic R Metal) ,

\* Belzona® 1341 (Supermetalglide) ,

## Problem

Failure due to high cavitation caused by bad suction conditions that could not be changed.



## Photograph Descriptions

- \* Lower casing half before application ,
- \* Lower casing half, completed ,
- \* Impeller with casing ring shimmed and ready to refit the casing ring seats ,
- \* Rotor set in lower casing half, ready to install the top casing ,

## Application Situation

New Ingersoll-Rand pumps costing over \$8,000.00 failed in six months.

## Application Method

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

## Belzona Facts

Slightly over a days work and under \$2,000 of Belzona, the first pump was returned to service. A follow up was done in January 2008 and revealed this pump as well as others done subsequent to this one were still running like new.

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

ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

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