

# BELZONA REPAIRS DAMAGED SHAFT

ID: 5325

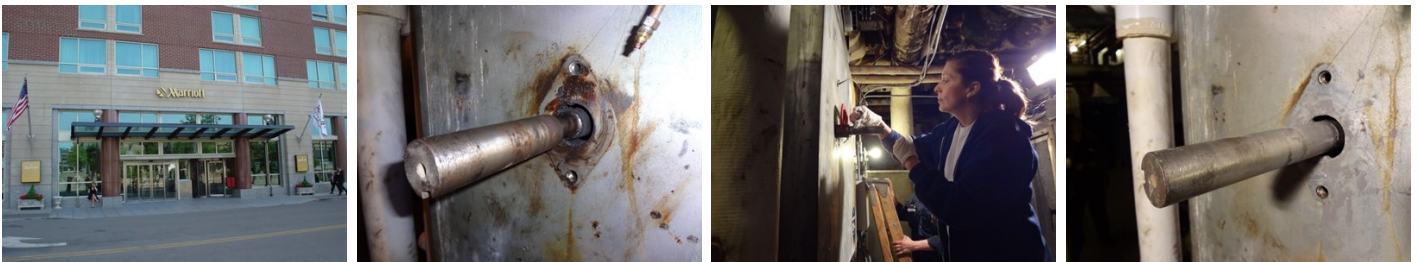
Industry: Heating, Ventilation & Air Conditioning  
Application: MPT-Mechanical Power Transmission

Customer Location: Missouri, USA  
Application Date: April 2001

Substrate: Steel  
Products: \* Belzona 1111 (Super Metal) ,  
\* Belzona 9411 (Release Agent) ,

## Problem

Bearing failure on the air handler for the main lobby of this busy downtown hotel wore into the shaft so severely that the cooling system was out of commission as the Spring weather was heating up.



## Photograph Descriptions

- \* Hotel storefront ,
- \* Damaged shaft ,
- \* Consultant assisting staff engineer with Belzona 1111 ,
- \* Completed application ,

## Application Situation

Air handler bearing failed, gouging shaft.

## Application Method

A trained machine shop fabricated a split former to the exact dimensions and the shaft was quickly repaired in-situ with Belzona 1111. The application was carried out in accordance with Belzona Know-How System Leaflet MPT-2.

## Belzona Facts

A major hotel in the heart of Kansas City needed an emergency repair. This standard repair was easily accomplished by the in-house maintenance staff under the supervision of Belzona's Technical Consultant, with tremendous savings in time and money; including maintaining hotel occupancy.

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

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FS 695214  
ISO 14001:2015  
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