

# Repairing the shaft of a vintage air handler unit, aged over 50 years

ID: 9356

Industry: General Industry

Application: FBC-Fans, Blowers and Compressors

Customer Location: Oshawa

Application Date: September 2023

Substrate: Stainless-steel

Products: Belzona 1111 (Super Metal), Belzona 9111 (Cleaner Degreaser), Belzona 9411 (Release Agent)

## Problem

Tackling a demanding repair job on an air handler unit presented a unique challenge: its placement in a notoriously inaccessible area rendered removal or replacement nearly impracticable as it was located at a more than 50-year-old facility.



Air handler Unit



Shaft after surface preparation



In-situ repair with 3D mold



Successful repair

## Application Situation

As it was very challenging to remove the shaft for the repair, Belzona has offered in-situ repair with the use of 3D mold. By doing this, the client has shortened the air handling unit's maintenance time.

## Application Method

- 3D mold
- Applicator
- Grinder

## Belzona Facts

We devised a solution that conserved our client's precious time and resources by employing a smart on-site repair approach. Utilizing a 3D mold, we adeptly restored the shaft, guaranteeing its peak functionality. This project exemplifies our unwavering commitment to delivering exceptional service to our clientele.

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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