

Air Handler Shaft Repair with Belzona 1111

ID: 9841

Industry: Heating, Ventilation & Air Conditioning

Customer Location: Columbus, OH USA

Application: MPT-Mechanical Power Transmission

Application Date: September 2021

Substrate: Carbon steel

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

Problem

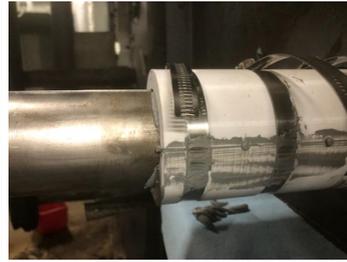
Due to corrosion the shaft was out of balance creating vibration to the air handling unit.



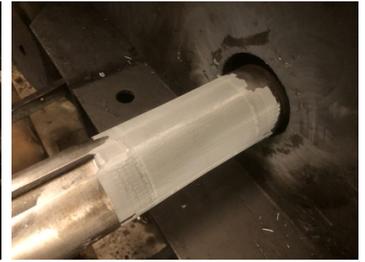
Close up of the pitting corrosion



Belzona 1111 applied to the shaft



Former put in place



Finished job

Application Situation

Air Handler shafts can be repaired on site by any mechanical contractor saving downtime to the end user.

Application Method

This shaft was cross-hatch ground then thoroughly degreased using Belzona 9111. Then Belzona 1111 was applied according to the Instructions For Use. A former was used and product allowed to cure. Upon removal of the former the Belzona was sanded smooth and mic'd for clearances.

Belzona Facts

This saved the technician time by not having to go purchase a replacement shaft and allowed the schools HVAC system to be returned to service sooner.

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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