

Belzona chiller repair that was completed in only one day!

ID: 9268

Industry: Buildings & Structures

Customer Location: Dallas, Texas

Application: HEX-Heat Exchangers

Application Date: February 2024

Substrate: Carbon steel

Products: Belzona 1121 (Super XL-Metal), Belzona 1321 (Ceramic S-Metal)

Problem

This chiller has been running uncoated since new for years in a building in downtown Dallas. Bad water treatment has left the chiller with a lot of damage and build up.



Before and after Belzona application



Before and after Belzona application



Before and after Belzona application



Before and after Belzona application

Application Situation

The only option was to do a Belzona application on this chiller. Second option was buying a new chiller, which was expensive for the customer.

Application Method

This chiller had no efficiency left. It was decided to do a full Belzona repair system on it. First the chiller was cleaned and then grit blasted. Belzona 1121 was used to repair holes and metal loss in the chiller face. After that Belzona 1321 two good system was applied to chiller. Belzona was left to dry and it was finished off by taking out the corks out of the tubes and finishing up the repair.

Belzona Facts

Belzona was the most cost effective option for the customer.

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ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

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