

# Rebuild and Coating of Heat Exchangers

ID: 9566

Industry: Power

Application: HEX-Heat Exchangers

Substrate: Carbon steel

Products: Belzona 1111 (Super Metal), Belzona 1321 (Ceramic S-Metal)

Customer Location: Southwestern Ontario

Application Date: February 2018

## Problem

Customer was having a problem with leaking heat exchanger plates due to corrosion.



Picture shows the root cause of the issue .



Pictures showing the application of Belzona 1111.



Picture showing the application of the Belzona 1321.



Picture showing completed application both coats of Belzona 1321.

## Application Situation

Belzona was chosen because of the products could be used so no hot work was needed to be done, and the cure time of the coatings would allow faster back to services.

## Application Method

Power tooling was chosen for preparation was used due to no blasting inside the plant, and coating was applied with brush and rollers

## Belzona Facts

Belzona was chosen due to providing KHIA from other countries and proven documentations that this application has been successful many times.

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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

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