

# Linde Intercooler Repair

ID: 9242

Industry: Chemical & Petrochemical

Customer Location: River Rouge, MI

Application: HEX-Heat Exchangers

Application Date: January 2024

Substrate: Carbon steel

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

## Problem

Intercooler tube sheet and end covers had corrosion due to b-metallic corrosion.



Before application



Overview of application area



Final application

## Application Situation

Application was completed on unit that was outside. Customer erected tent and applied electric heat at 65 deg F.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet HEX-1 for repairing eroded-corroded tube sheets. The surface was prepared by grit blasting and the surface was washed with Belzona 9111. The tubes were plugged with rubber stoppers and Belzona 1111. The second coat of Belzona 1321 was applied in accordance with Belzona Instructions for Use.

## Belzona Facts

Customer needed Intercooler up and running. Significant downtime was averted.

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

ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

[www.belzona.com](http://www.belzona.com)

