

# VERY OLD BELZONA TUBE SHEET REPAIR

ID: 1176

**Industry:** Chemical & Petrochemical

**Customer Location:** Petrochemical Plant, Plaquemine,  
Louisiana U.S.A.

**Application:** HEX-Heat Exchangers

**Application Date:** January 1973

**Substrate:** Carbon steel sheet, Copper tubing

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

## Problem

The tube sheet was suffering from bi-metallic corrosion and was in need of protection.



## Photograph Descriptions

- \* Rear of Condenser ,
- \* Close up of sheet ,
- \* Front of Condenser ,
- \* Close up of sheet ,

## Application Situation

This carrier condenser was coated in order to prolong the life of the unit.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet HEX-1.

## Belzona Facts

This application occurred in 1973, which makes this a successful repair that is 35 years old. Replacement costs for a new unit is approximately \$350,000, and a Belzona repair today would cost the customer about \$25,000. For this one low cost, the customer saved replacement costs and downtime for many years. This particular unit is set for retirement in a January 2009 turnaround.

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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