

# Belzona repairs leaky pipes from a heat exchanger

ID: 7765

## Industry:

Application: *HEX-Heat Exchangers*

Substrate: *Carbon steel*

Products: *\* Belzona 9111 (Cleaner Degreaser) Belzona 1111 (Super Metal) Belzona 5892 ,*

Customer Location: *France*

Application Date: *August 2018*

## Problem

*Sealing problem between the tubes and the tubular sheet on these heat exchangers due to a bad tube expansion, 50% of the tubes were leaking.*



## Photograph Descriptions

\* 1- View of the equipment before application 2- Final application ,

## Application Situation

Sealing between tubes and tubular sheet required repairing.

## Application Method

The tubular sheet and the tube ends were grit blasted and cleaned with Belzona 9111 (Cleaner Degreaser) . Belzona 1111 (Super Metal) was used to rebuild the profile between the tubes and substrate then Belzona 5892 was applied on top for further protection against aqueous solutions. The application was carried out in accordance with a modified version of HEX-1 followed by HEX-3 Belzona System Leaflet

## Belzona Facts

The customer considered welding or dismantling the tubes to redo the tube expansion but it would have been too long and costly. The customer trusts Belzona products and has already used them for other works in his factory. For that reason and the speed of the intervention from the distributor, he was really satisfied by the application.

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ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

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